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UNITED STATES.

MUNICIPAL ORDINANCES, RULES, AND REGULATIONS PERTAINING TO PUBLIC HYGIENE.

[Adopted since Jan. 1, 1910.]

PITTSBURGH, PA.

STREET CARS—OVERCROWDING, CLEANING, DISINFECTION.

SECTION 1. From and after the approval of this ordinance, all companies or corporations operating street passenger railway cars in the city of Pittsburgh are prohibited from hauling, carrying, or conveying in any car, at one time, a greater number of passengers than is equal to one and two-fifths times the proper seating capacity thereof, with the addition of five passengers on the rear platform of each car; and said railway companies are further prohibited from carrying any passenger between the seats of summer cars.

SEC. 2. The companies or corporations operating street passenger railway cars in the city of Pittsburgh are hereby exempted from the provisions of section 1 of this ordinance on the day celebrated as the Fourth of July; it is further provided that the provisions of section 1 shall not apply to cars hauling passengers to and from Forbes Field for baseball and football games within one hour before and one hour after such games are begun and ended; said cars to have signs thereon marked "Baseball, Forbes Field," or "Football, Forbes Field."

SEC. 3. All companies or corporations operating street passenger railway cars in the city of Pittsburgh are hereby required to furnish to the mayor a full and true statement, under oath of their secretary or manager, of all cars being operated by them in said city, the number of each car and its proper seating capacity, before August 15, 1910, and to continue to make a statement or report at least twice each month of any changes therein as to number or capacity of cars, which said statements or reports shall be kept on file in said mayor's office.

SEC. 4. All companies or corporations operating street passenger railway cars in the city of Pittsburgh are hereby required to cause each car in regular use on said street railways to be thoroughly cleansed and fumigated inside with disinfectants, at least once each week, under the supervision of inspectors assigned for said purpose by the director of the department of public health.

SEC. 5. Any company or corporation violating any of the provisions of this ordinance shall be subject to a penalty of \$100 for each and every offense, to be recovered, together with costs, before any alderman or police magistrate in said city, as debts of like amount are now by law recoverable, in an action in the name and for the use of the city of Pittsburgh. [Ordinance adopted July 28, 1910.]

READING, PA.

STREET CARS—CLEANING, HEATING, AND VENTILATION.

RULE 30. All street-railway cars operated within the city of Reading shall be heated whenever the temperature is lower than 50° F.; all cars to be equipped with standard Fahrenheit thermometers in good order, securely fastened to the wall of the

car, near the center thereof, on the opposite side from the stove or heater, if there be one, and so placed as to give the average temperature of each car and be conveniently visible for examination by the passengers thereon. All cars shall be kept clean, disinfected, and so ventilated as to be free from foul or vitiated air. [Regulation, board of health, adopted May 15, 1911.]

SYRACUSE, N. Y.

STREET CARS—CLEANING, HEATING, AND VENTILATION.

SEC. 7, Subd. G. All passenger cars operated on any street surface railroad in the city shall hereafter be equipped with movable floor gratings or other suitable devices, so that the floors of the cars shall be properly cleaned. All cars shall be cleaned daily throughout when used and shall be properly heated and ventilated; and the commissioner shall make such other and further regulations relating thereto as he may deem necessary. [Ordinance adopted Mar. 27, 1911.]

TRENTON, N. J.

STREET CARS—CUSHIONS IN, CLEANING AND FUMIGATION.

SEC. 66. That no railway car running through or upon the streets or elsewhere in the city of Trenton, unless propelled by steam power, shall be used with cushions on the seats or on the backs of the seats thereof.

SEC. 67. That each and every railway car running through or upon the streets of or elsewhere in the city of Trenton and engaged in carrying passengers in said city or to other places shall be kept carefully and thoroughly washed and cleaned and, when so directed by this board, fumigated, so that all filth and dirt or causes of diseases are removed from the inside of said car.

SEC. 68. That every person or corporation engaged in the running or operating of a line of railway cars through or upon the streets of or elsewhere in the city of Trenton shall have and provide for the use of the passengers desiring to ride therein cars which are entirely inclosed and properly heated whenever the state of the temperature or of the elements require the same or whenever in the judgment of the board of health the same may be necessary for the proper preservation of the health of the inhabitants of the city of Trenton, and to be heated to a temperature of 65°. [Art. I, sanitary code adopted Aug. 1, 1910.]

SYRACUSE, N. Y.

STABLES AND MANURE PITS.

SEC. 7, Subd. B. Every owner, lessee, or occupant of any stable or place where horses, cattle, or other animals are kept or of any place in which manure or any liquid discharge of such animals shall collect, shall at all times keep, or cause to be kept, such stables and places and the drainage and appurtenances thereof in a wholesome and cleanly condition so that no offensive smell shall escape. [Ordinance adopted Mar. 27, 1911.]

TRENTON, N. J.

STABLES.

SEC. 99. That every owner, lessee, or occupier of a building or premises wherein or whereon any horse or other beast of draft or burden or any cattle may be kept within this city shall provide, in connection with such building or premises, a suitable receptacle for dung, manure, soil, filth, or other offensive or noxious matter which may from time to time be produced in the keeping of any such animal in such building or upon such premises.

SEC. 100. That every owner, lessee, or occupier of a building or premises mentioned in the last preceding section shall cause such receptacle therein also mentioned to be constructed in such a manner and of such materials and to be covered and to be maintained at all times in such a condition as to prevent any escape of the contents thereof, or any soaking therefrom into the ground or into the wall of any building.

SEC. 101. That every owner, lessee, or occupier of a building or premises wherein or whereon any horse or any other beast of draft or burden or any cattle or swine may be kept within this city, shall, once at least in every three months or more often if required by the health officer, cause to be removed from the receptacle hereinbefore mentioned in section 99 all dung, manure, soil, filth, or other offensive and noxious matter produced in or upon such building or premises and deposited in such receptacle.

SEC. 102. That the owner, lessee, or occupier of any premises within this city shall not keep any cattle or deposit the dung of any cattle in such location or in such a manner as to pollute any stream of water, spring, or well the water of which is used for domestic purposes. [Art. I, Sanitary Code adopted Aug. 1, 1910.]

LOS ANGELES, CAL.

SPITTING.

SECTION 1. It shall be unlawful for any person to expectorate or spit on the floor of any street-railway car or any other public conveyance or of any public building, or on any sidewalk in the city of Los Angeles.

SEC. 2. That ordinance No. 4020 (new series), entitled "An ordinance prohibiting expectoration in public places in the city of Los Angeles, and providing a penalty therefor," approved December 31, 1896, be, and the same is hereby, repealed.

SEC. 3. That any person violating any of the provisions of this ordinance shall be deemed guilty of a misdemeanor, and upon conviction thereof shall be punishable by a fine of not less than 25 cents nor more than \$5, or by imprisonment in the city jail for a period of not less than 1 day nor more than 20 days, or by both such fine and imprisonment. [Ordinance adopted Jan. 31, 1911.]

SYRACUSE, N. Y.

SPITTING AND SPITTOONS, REGULATION OF IN PUBLIC PLACES.

SEC. 7, Subd. J. Spitting is hereby prohibited either on the sidewalk, crosswalk, or footway of any public street, way, park, or square, or upon the floor of any hall or office in any hotel, apartment house, tenement or lodging house which is used in common by the guests or tenants thereof, or upon the floor, platform, steps, or stairs of any public building, hall, church, theater, railway station, store or factory, street car or other public conveyance. (See city ordinance as amended.)

Subd. K. Every person owning or having the management or control of any hall, apartment house, tenement or lodging house, or any store, factory, theater, or other building or room which is used in common by the public shall provide sufficient and proper receptacles for spitting, and also shall provide for the cleansing and disinfecting of such receptacles at least once in every 24 hours. [Ordinance adopted Mar. 27, 1911.]

TRENTON, N. J.

SPITTING.

Sec. 65. That spitting upon the sidewalks of a public street and upon the floors of public buildings and railway cars running through or upon the streets within the city of Trenton is hereby forbidden, and this board shall cause to be prominently displayed upon such streets, and owners, agents, and officers in charge and control of all the public buildings and cars shall keep permanently and prominently posted in each building and in each of said cars, a sufficient number of notices forbidding spitting on such sidewalks or floors, which notices shall recite this ordinance, with the penalty prescribed for the violation thereof; and every such car so mentioned shall have at least one of such notices posted inside and on each of the two sides thereof. [Art. I, Sanitary Code, adopted Aug. 1, 1910.]

SYRACUSE, N. Y.

ICE—SALE AND USE.

Sec. 10. Subd. A. No person shall sell, expose for sale, or use for drinking or eating purposes ice which has been obtained from any polluted or unclean pond, creek, river, canal, lake, or stream. Every person engaged in said business shall procure and exhibit in a conspicuous place on each vehicle so used a metal sign issued annually by the commissioner, bearing the year, license number, and name of business. Ice dealers shall notify the commissioner of the sources of the ice they keep or sell. When ice taken from Onondaga Lake or the canal is sold from wagons or other vehicles the wagons or vehicles must be labeled or lettered "Onondaga Lake ice" or "Canal ice," as the case may be, in letters at least 6 inches in height and each line in the formation of each letter at least one-half inch in width.

Subd. B. In case complaint in writing is made by not less than 25 consumers of ice, alleging that said ice is impure and injurious to health, after notice to the parties

interested of the time and place appointed for the hearing, the commissioner shall hold a hearing and, after hearing such parties, may make such order relating to the sale of such ice as, in his judgment, the public health requires. [Ordinance adopted Mar. 27, 1911.]

TRENTON, N. J.

ICE—PRODUCTION, SALE, AND USE.

SEC. 95. That no person shall cut, bring, sell, or use any ice within the limits of the city of Trenton whenever, in the judgment of the board of health, the same is unfit for use; and any person who shall violate any of the provisions of this section, or who shall attempt to cut, bring into, sell, or use any such ice after being notified by the said board of health, or its officers, not to do so, shall forfeit and pay a penalty hereinafter named.

SEC. 96. That no person shall cut ice for the purpose of selling or using it in this city from any pool, creek, or river within the corporation limits thereof, without first obtaining from the board of health a permit for such cutting, and no person shall manufacture, sell, or deliver any ice in said city of Trenton without first obtaining a permit from the said board therefor.

SEC. 97. That no such permit as set forth in the next preceding section shall be issued by the board of health until there shall have been paid to the said board for the issuing thereof and for the proper supervision of the cutting and selling of ice the sum of \$2.

SEC. 98. That each permit so to be issued as set forth in the three sections next preceding shall continue for the term of one year from the 1st day of January preceding; provided, that no such permit shall be issued, or any such permit so issued shall be revoked, if, in the judgment of the board of health, the use of any ice so cut, sold, or delivered, or to be cut, sold, or delivered under the same, is or would be detrimental to the public health. [Art. I. Sanitary code adopted Aug. 1, 1910.]

SAN FRANCISCO, CAL.

MEAT AND MEAT PRODUCTS—PREPARATION AND INSPECTION.

SECTION 1. No person, firm, or corporation shall expose or offer for sale, or sell or otherwise dispose of, or have in his possession within the city and county of San Francisco, any meat of any cattle, calf, sheep, lamb, goat, or swine which does not have upon it the meat-inspection brand or other mark of identification of the board of health of the city and county of San Francisco, or the meat-inspection brand or other official mark of identification of boards of health of the State of California whose meat-inspection standard is equal to and recognized by the San Francisco Board of Health or the meat-inspection brand or other mark of identification of the United States Department of Agriculture. If any carcass of any animal hereinbefore named, or part thereof, is found, offered for sale, or exposed within the city and county of San Francisco which does not bear any of the meat-inspection brands or marks recognized by the board of health of the city and county of San Francisco, said board of health shall take possession of and destroy such meat.

SEC. 2. No person, firm, or corporation shall ship, send, bring, or cause to be brought into the city and county of San Francisco the meat of any cattle, sheep, lamb, goat, or swine which does not bear the meat-inspection brand or other mark of identification recognized by the board of health of the city and county of San Francisco.

SEC. 3. The carcasses of calves in good healthy condition and over 4 weeks of age may be brought into the city and county of San Francisco, and each of said carcasses of such calves must be inspected and stamped or marked by the San Francisco Board of Health at the point of arrival of said carcasses of such calves in the city and county of San Francisco.

SEC. 4. An ante mortem examination shall be made under the direction of the board of health of the city and county of San Francisco of all cattle, sheep, swine, or goats about to be slaughtered before they shall be allowed to enter the slaughtering pen. All animals showing symptoms of or suspected of being affected with any disease or condition which under the regulations of the board of health of the city and county of San Francisco would probably cause their condemnation in whole or in part when slaughtered shall be marked by affixing to the animal a metal tag bearing the words, "San Francisco Board of Health suspect." All such animals shall be slaughtered separately.

SEC. 5. A careful post-mortem inspection under the direction of the board of health of the city and county of San Francisco must be made of all animals herein named

at the time when slaughtered in the city and county of San Francisco. The head, tongue, tail, thymus gland, and all viscera of each animal shall be retained in such a manner as to preserve their identity until after the post-mortem examination has been completed in order that the parts so retained may be identified in cases of condemned carcasses. Suitable racks or metal receptacles shall be provided in and by each slaughtering establishment for retaining said parts.

SEC. 6. All carcasses, meats, or meat-food products which are unsound, unhealthful, unwholesome, or otherwise unfit for food shall be stamped or otherwise marked by the board of health of the city and county of San Francisco, "San Francisco Board of Health inspected and condemned," and shall be destroyed.

SEC. 7. All meats or meat-food products offered for sale in the city and county of San Francisco shall be subject to reinspection and condemnation at any and all times by the board of health of the city and county of San Francisco.

SEC. 8. The board of health of the city and county of San Francisco is hereby authorized and directed to adopt rules and regulations governing the sanitation of slaughterhouses and establishments where meat-food products are sold or manufactured, the inspection of meats and the ultimate disposal of condemned meats, in addition to the provisions of this ordinance, as will enable the said board of health to enforce and carry out the meaning and intent of this ordinance. The standard of meat inspection shall be that adopted by the United States Department of Agriculture.

SEC. 9. It shall be unlawful and a violation of this ordinance for any person, firm, or corporation, or officer, or agent, or employee thereof, to forge, counterfeit, simulate, or falsely represent, or without proper authority to use or detach, or knowingly or wrongfully alter, deface, or destroy any of the stamps or marks or brands or tags recognized by the board of health of the city and county of San Francisco on any cattle, calf, sheep, lamb, goat, or swine, or any carcass, or on any part or parts of any carcass or carcasses of any animal named in sections 1, 2, and 3 of this ordinance.

SEC. 10. Any person, firm, or corporation, or other agents, violating any of the provisions of this ordinance, or failing to comply with any direction or order of the board of health of the city and county of San Francisco given pursuant to the provisions of this ordinance by the health officer, or any other agent of said board of health, shall be guilty of a misdemeanor, and upon conviction thereof shall be punished by a fine not less than \$50 nor more than \$500, or by imprisonment in the county jail for a period of not less than 10 days nor more than 3 months, or by both such fine and imprisonment.

SEC. 11. Each day that the violation of this ordinance or the failure to comply with the directions of the board of health of the city and county of San Francisco, given in accordance with this ordinance, shall continue, shall constitute a new and separate offense, and be punishable accordingly, as herein provided.

SEC. 12. All ordinances and parts of ordinances in conflict with this ordinance are hereby repealed.

SEC. 13. This ordinance shall take effect immediately. [Ordinance approved Aug. 1, 1910.]

TRENTON, N. J.

MEAT—INSPECTION, SLAUGHTERING, HANDLING, AND CARE.

When animals may not be killed.—SECTION 1. No cattle, sheep, or swine shall be killed for human food within the limits of the city of Trenton while such cattle, sheep, or swine are in a diseased, overheated, feverish, or exhausted condition. No calf, or any part thereof, which shall be less than 4 weeks old; no pig, or any part thereof, which shall be less than 5 weeks old, and no lamb, or any part thereof, which shall be less than 8 weeks old; shall be killed for human food, or shall be kept or offered for sale.

Quarantining of animals.—SEC. 2. It shall be the duty of every inspector or other officer of the board of health, when any cattle, pigs, or lambs shall be found in a diseased, overheated, feverish, or exhausted condition, or when any calves, pigs, or lambs shall be found within the ages respectively named in the preceding section of this code, and said animals, or any of them, shall be intended to be used for human food, to immediately attach to any such diseased, overheated, feverish, exhausted, or underaged animal, or to the pen or stall in which any such animal or animals may be confined, a label or tag on which shall be written or printed the words "Quarantined by the board of health, Trenton, New Jersey;" such inspector or other officer shall immediately report such quarantine at the office of the board that proper action may be taken relative thereto.

SEC. 3. No person or persons, corporation or corporations, other than an inspector or other officer of this board, shall destroy, deface, conceal, interfere with, or remove any label or tag so attached to any animal, stall, or pen. No person or persons, corporation or corporations, shall remove any animal as aforesaid quarantined, or kill any such

animal, except in the presence of an inspector of this board, or use the same for human food, or hold or expose for sale or sell any such animal without the permission of this board. No person or persons, corporation or corporations, shall interfere with, hinder, or prevent any inspector or other officer of this board in performing the duties imposed by this section.

SEC. 4. No person or persons, corporation or corporations, shall sell or offer for sale within the city limits, or otherwise dispose of for human food therein, any meat or meat products of any cattle, calf, sheep, goat, or swine which does not bear the meat inspection brand or other mark of identification of the United States Department of Agriculture, or has been marked, inspected, and passed by the meat inspector, or his assistants, of the city of Trenton.

SEC. 5. No carcass, or any part thereof, of any slaughtered cattle, calf, sheep, goat, or swine shall be branded or otherwise marked for identification by the inspector of meats, or by his assistant, until it has been carefully inspected and passed for food. The viscera, head, tongue, tail, and caul of each and every cattle, calf, sheep, goat, or swine slaughtered, when the inspector is not present, shall be kept together and wholly separate from similar parts of any other carcass.

SEC. 6. Meat slaughtered without the city, but brought into the city for sale, may be inspected and branded, or otherwise marked for identification, by the meat inspector or his assistant under the following rules, to wit:

(a) Calves must have the lungs, liver, heart, and kidneys held together by natural attachment.

(b) The carcass of cattle must be accompanied by the lungs, liver, heart, and kidneys, which latter must be certified by the owner as being those removed from the carcass then undergoing inspection.

(c) Hogs must have the head, lungs, liver, kidney, and feet held together by natural attachments.

(d) Sheep, lambs, and goats must have the lungs, liver, heart, and kidneys held together by natural attachments. The feet and hide of all sheep, lambs, and goats must be removed. All such carcasses shall be brought to such place or places and at such time or times as the meat inspector shall appoint and designate. He shall be notified when such meat is ready for inspection.

SEC. 7. It shall be the duty of every person knowing of any fish, meat, fowls, birds, or vegetables being bought, sold, or offered, or held for sale as human food, which is not sound, healthy, or wholesome for such food, to forthwith report such facts and the particulars relating thereto to the board of health or to one of its officers or inspectors.

SEC. 8. No person or persons, corporation or corporations, shall expose for sale in the city of Trenton any diseased, emaciated, tainted, or putrid meat or provisions, which from these or other cause may be deemed unwholesome; and the meat inspector or assistant or the board of health or any member thereof having knowledge of such fact may forthwith seize and destroy all such meat and provisions.

SEC. 9. No person or persons, corporation or corporations, shall bring or cause to be brought into or kept or offered for sale in any public or private market in this city any meat or any dead animal the flesh of which is intended to be used for human food until such meat or such dead animal shall have been fully and properly cooled and until all blood shall have ceased dripping therefrom, and unless they have strictly complied with the provisions of section 8 of this code. No cased, blown, plaited, raised, stuffed, putrid, impure, or unhealthy or unwholesome meat or fish, bird or fowl shall be held, bought or sold or offered for sale for human food in any place in this city.

SEC. 10. No animal shall be slaughtered, or the meat or any part thereof dressed or hung, wholly or partly, within any street, avenue, or sidewalk, or public alley or place; nor shall any blood or dirty water or other substance from such animals, meat, or place of killing, or the appurtenances thereof, be allowed to run, fall, or be in any such street, avenue, sidewalk, public alley, or place.

SEC. 11. All meat condemned in the city of Trenton by any inspector of this board shall be destroyed or rendered unfit for human food. Such destruction shall be effected by slashing the condemned meat and by saturating the same with kerosene or other chemical compound. Any inspector of this board is hereby empowered to seize and condemn any tainted or unwholesome meat found in this city. Any inspector is hereby authorized to enter any building, structure, or premises in this city to inspect and examine any meat contained therein.

SEC. 12. Every veterinary surgeon who is called to examine or attend professionally any animal within this city which has or is suspected of having glanders, or farcy, or pleuropneumonia, or hydrophobia, or tuberculosis, or any other dangerous or communicable disease shall report, in writing, to the board of health, within 24 hours after his first visit to the location of such animal, the name and address of the owner thereof and the nature of the disease.

SEC. 13. No diseased horse, cattle, swine, sheep, dog, or cat, or any other animal, and no animal which has been exposed to any disease which is contagious or infectious among animals shall be brought into, or driven, or carried through, or exposed in any street, alley, or public place in this city.

Keeping of animals.—SEC. 14. No person or persons, corporation or corporations shall keep, or allow to be kept, in any dwelling house, or in any part thereof, any horse, cattle, swine, goats, or fowls.

Regulation of slaughter and packing houses.—SEC. 15. No person or persons, corporation or corporations shall slaughter, or kill, or dress, or prepare for human food any cattle, calves, swine, sheep, or goats without first having obtained from the board of health of the city of Trenton a permit to do so.

SEC. 16. Said permit shall state that the licensee will comply with the requirements aforesaid, and on violation of any of its items said license shall be revoked in the discretion of the board of health.

SEC. 17. To procure such permit the applicant therefor shall file with the said board of health a written statement, setting forth his residence, the place or places where the animals are slaughtered or meat products are prepared, and the number of animals killed by him daily, as nearly as he can estimate the same. No permit shall be issued until the place or places, as indicated herein, are reported by the health officer of this board to be in good sanitary condition, nor until the applicant has paid for the issuing of said license the sum of \$5. Said permit shall be issued for one year.

SEC. 18. No person or persons, corporation or corporations shall erect within the corporate limits of the city of Trenton a building in which animals are to be slaughtered and prepared for market or human food unless the plans of such proposed building are first approved by the inspector of plumbing and the health officer of the city of Trenton, and a plan of such proposed building shall be filed in the department of public health of the city of Trenton.

SEC. 19. Every owner, lessee, or occupier of a slaughterhouse in this city shall at all reasonable times afford free access to every part of such premises to the health officer, meat inspector, or to any committee or member of this board, or its authorized agent, for the purpose of inspecting such premises.

SEC. 20. Every owner, lessee, or occupier of a slaughterhouse in which shall be slaughtered any cattle, swine, sheep, or other kind of animals, shall cover every part of the floor or pavement of such slaughterhouse with cement or some other impervious material, properly sloped to a well-trapped and permanently grated inlet having a direct communication with a sewer. The walls thereof shall be covered to a height of 7 feet with some smooth, impervious material, and the yards, apartments, and pens connected therewith shall be paved with brick or stone, laid in cement or concrete, or some other impervious material, and properly sloped to a well-trapped and permanently grated inlet having a direct communication with a sewer. Every slaughterhouse shall be supplied with an adequate water supply and such an arrangement of hose or pipes as will enable the walls, floors, and yards to be effectually washed. Every slaughterhouse and the apartments and pens connected therewith shall be properly ventilated, according to the direction and to the satisfaction of the board of health.

SEC. 21. Every owner, lessee, or occupier of a slaughterhouse in which shall be slaughtered any cattle, swine, sheep, or other kind of animals within the city shall cause every part of the floor or pavement of such slaughterhouse and every part of the internal surface of every wall on which any blood or liquid refuse or filth may have been spilled or splashed, or with which any offensive noxious matter may have been brought into contact during the process of slaughtering or dressing in such slaughterhouse, to be thoroughly washed and cleansed within three hours after the completion of such slaughtering or dressing.

SEC. 22. Every owner, lessee, or occupier of a slaughterhouse, cattle yard, or pigpen, or place within this city where cattle, sheep, or swine are kept, shall keep the same in a clean and wholesome condition and in such a manner as to give out no offensive or unwholesome odor, and shall permit no offensive offal or refuse animal matter to accumulate on such premises.

SEC. 23. Every owner, lessee, or occupier of a slaughterhouse within this city shall cause the hide or skin, fat and offal of every animal slaughtered on the premises to be removed therefrom within 24 hours after the completion of the slaughtering of such animal.

SEC. 24. Every owner, lessee, or occupier of a slaughterhouse within this city shall forthwith, upon the completion of the slaughtering of any cattle, swine, sheep or other animal, or the dressing of any carcass in such slaughterhouse cause all blood, manure, garbage, filth, or other refuse products of the slaughtering of such animal or animals to be collected and deposited in proper vessels or receptacles, and shall cause all the con-

tents of such vessels or receptacles to be removed from the premises at least once in every 24 hours.

SEC. 25. All houses, or places in this city in which animals are slaughtered, or the meat and meat products are prepared, cured, packed, stored, handled or sold, shall be suitably lighted and ventilated, and maintained in a sanitary condition. All work in such establishments shall be performed in a cleanly and sanitary manner.

(a) Ceilings, side walls, pillars, partitions, and other portions of the structure used for purposes named in this section, shall be frequently whitewashed or painted, or where this is impracticable, they shall, when necessary, be washed, scraped, or otherwise be rendered sanitary. Where floors, or other parts of the building, or tables, or other parts of the equipment, are so old or in such condition that they can not be readily made sanitary, they shall be removed and replaced by suitable materials, or otherwise put in a condition acceptable to the meat inspector. All floors and gratings, upon which meats are piled during the process of curing, shall be so constructed that they can be kept in a clean and sanitary condition, and such meats shall also be kept clean.

(b) All trucks, trays, and other receptacles, all chutes, platforms, racks, tables, and all knives, saws, cleavers, and other tools, and all utensils and machinery used in moving, handling, cutting, chopping, mixing, canning, or other processes shall be thoroughly cleansed daily.

(c) The aprons, smocks, or other outer clothing of employes who handle meat in contact with such clothing, shall be of a material that is readily cleaned and made sanitary, and shall be cleansed daily if used. Employees who handle meat, or meat food products, shall be required to keep their hands clean.

(d) All toilet rooms, urinal and dressing rooms shall be entirely separated from compartments in which carcasses are dressed or meat food products are cured, stored, packed, handled, prepared, or sold. They shall be sufficient in number, ample in size, and fitted with modern lavatory accommodations, including toilet paper, soap, running water, towels. They shall be properly lighted, ventilated, and shall be so located that odors from toilet rooms, catch basins, casing departments, tank rooms, hide cellars, and other rooms and apartments in which are generated foul and noxious odors do not penetrate them. All rooms or compartments shall be provided with cuspidors, which employes must use if they expectorate.

(f) Persons affected with tuberculosis or any other communicable disease shall not be employed in any of the departments of establishments where carcasses are dressed, meats handled, or meat food products prepared. Any employee suspected of being so affected shall be so reported by the meat inspector to the manager of the establishment and to the health officer.

(g) No use incompatible with proper sanitation shall be made of any part of the premises on which a slaughterhouse is located. All yards, fences, pens, chutes, alley, and other ways belonging to the premises of such establishments shall, whether they are used or not, be maintained in a sanitary condition.

(h) Butchers who dress diseased carcasses shall cleanse their hands of all grease, then immerse them in a prescribed disinfectant and rinse them in clear water before engaging again in dressing or handling healthy carcasses. All butchers' implements used in dressing diseased carcasses shall be cleansed of all grease, then sterilized, either in boiling water or by immersion in a prescribed disinfectant, and rinsed in clear water before being used again in dressing healthy carcasses. Facilities for such cleansing and disinfection, approved by the meat inspector, shall be provided by the establishment. Separate trucks and other vehicles shall be furnished for handling diseased carcasses and parts. Following the slaughter of an animal affected with an infectious disease a stop shall be made until the implements have been cleansed and disinfected, unless duplicate instruments are provided.

(j) Meats and meat food products intended for rendering into edible products must be prevented from falling on the floor while being emptied into the tanks by the use of some device such as a funnel.

(k) Butchers who dress carcasses are prohibited from holding in their mouth skewers to be used in such dressing.

SEC. 26. Every owner, lessee, or occupier of every market house within this city shall at least three times in each week, from the 1st day of April until the 1st day of November in each year, and at least twice in each week during the remainder of the said year, remove from such premises all offal and all decaying vegetable or animal substances and cause such premises to be thoroughly cleansed.

SEC. 27. No person or persons, corporation or corporations, in the city of Trenton, shall engage in the collection of dead animals, market refuse, or other flesh from the purpose of rendering the fats therefrom, or for the purpose of selling the same to be so rendered or disposed of, without first obtaining from the board of health a permit therefor.

SEC. 28. No permit as set forth in the next preceding section shall be issued by the board of health until there shall have been paid to the said board of health for the issuing thereof and for the proper inspection and supervision of such business the sum of \$5. Each permit so to be granted, as set forth in the two sections next preceding, shall continue for the term of one year from the 1st day of January next preceding: *Provided, however,* That any person or corporation taking out such permit after the 1st day of January, in any year, shall be required to pay for such permit only for that portion of the calendar year which said license has to run: *Provided, also,* that if any person or persons, corporation or corporations, so licensed as aforesaid, or any of their employees, servants, or agents, shall violate any ordinance or rule of the board of health in the collection, transportation, or disposal of such dead animals, market refuse, or other flesh, such permit may, at the discretion of the board of health, be revoked.

Exposure of dressed meats—SEC. 29. No dressed meat, or any animal, or any part thereof, shall be conveyed or taken through any street, avenue, sidewalk, or public alley or place, unless the same shall be thoroughly covered with clean canvas, burlap, or other material, so that the said meat shall be protected from dust and dirt.

SEC. 30. Any firm, corporation, person or association, who shall fail to comply with or shall violate any of the provisions of this article (known as the meat code) shall, on conviction, be punished by a fine of not less than \$5 nor more than \$100, in the discretion of the court or magistrate before whom the complaint is made.

SEC. 31. All ordinances, codes, articles, or sections, inconsistent with this article, be and the same is hereby repealed.

SEC. 32. This article to take effect immediately. [Art. IV, Sanitary Code, adopted Aug. 1, 1910.]

READING, PA.

VACCINATION.

RULE 23. All principals or other persons in charge of public, private, parochial, Sunday, or other schools are hereby required to refuse admission of any child to the schools under their charge or supervision except upon a certificate signed by a physician, setting forth that such child has been successfully vaccinated, or that it has previously had smallpox, or upon a certificate of the board of health, setting forth that such child has been vaccinated unsuccessfully three times. [Regulations, board of health, adopted May 15, 1911.]

SAGINAW, MICH.

VACCINATION.

SECTION 1. That an ordinance entitled "An ordinance to establish a board of health and to prescribe its powers and duties" be amended by adding thereto two sections to be known as section 19 and section 20, as follows:

SEC. 19. Whenever the board of health shall order free vaccination the price to be paid for each vaccination shall not exceed the sum of 40 cents each, including the cost of the vaccine point. The quality of vaccine points to be used shall be approved by the health officer and the board of health.

SEC. 20. The health officer whenever he shall do vaccination under the orders of the board of health shall be entitled to 40 cents for each and every vaccination, including cost of vaccine points. [Ordinance, adopted Apr. 4, 1911.]

SYRACUSE, N. Y.

VACCINATION OF SCHOOL CHILDREN.

SEC 5. * * * Subd. D. *Vaccination of school children.*—No child or person not vaccinated shall be admitted or received into any of the public schools of the city, and the trustees or other officers having charge, management, or control of such schools shall cause this ordinance to be enforced. They shall exclude such children and persons not vaccinated from such school until vaccinated. [Ordinance, adopted Mar. 27, 1911.]

SAN FRANCISCO, CAL.,

VEGETABLES—PRODUCTION AND SALE.

SECTION 1. It shall be unlawful for any person, firm, or corporation to use human discharges or excrements, or any water containing any human discharges or excrements, or the waters of any well, spring, pond, or creek which receives the discharges of any sewer or drain, or which by any means whatever has become polluted with sewage discharges, for the purpose of irrigating or sprinkling vegetables used for human consumption.

SEC. 2. It shall be unlawful for any person, firm, or corporation to bring into the city and county of San Francisco, or to produce, sell, offer for sale, or have in his or their possession for sale for human consumption in the city and county of San Francisco, without first obtaining a license from the board of health to produce, sell, or offer for sale vegetables for human consumption; and further, they shall also be required to have a certificate signed by the health officer that said vegetables are produced in a manner that does not violate any of the provisions of section 1 of this ordinance, and that the same are being handled and transported in wagons and containers satisfactory to the board of health, and said wagons and containers shall bear the legend, "Inspected by the department of public health, San Francisco, California," before license for their operation are issued.

SEC. 3. Any person, firm, or corporation who shall violate any of the provisions of this ordinance shall be deemed guilty of a misdemeanor, and, upon conviction thereof shall be punished by a fine of not less than \$25 and not more than \$500, or by imprisonment in the county jail not exceeding six months, or by both such fine and imprisonment.

SEC. 4. This ordinance shall take effect immediately. [Ordinance approved Jan. 5, 1910.]

PLAGUE-PREVENTION WORK.

DISTRIBUTION OF POISON.

In connection with the making and maintenance of a squirrel-free zone around the cities of California on San Francisco Bay 6,162 acres of land in Alameda County were covered with poison during the week ended December 9, 1911.

During the same period 8,680 acres of land in San Joaquin County and 5,360 acres in Stanislaus County were covered with poison for the purpose of eradicating plague foci.

RECORD OF PLAGUE INFECTION.

Places.	Date of last case of human plague.	Date of last case of rat plague.	Date of last case of squirrel plague.	Total number of rodents found infected since May, 1907.
California:				
Cities—				
San Francisco.....	Jan. 30, 1908....	Oct. 23, 1908....	None.....	398 rats.
Oakland.....	Aug. 9, 1911....	Dec. 1, 1908....	do.....	126 rats.
Berkeley.....	Aug. 27, 1907....	None.....	do.....	None.
Los Angeles.....	Aug. 11, 1908....	do.....	Aug. 21, 1908....	1 squirrel.
Counties—				
Alameda (exclusive of Oakland and Berkeley).	Sept. 26, 1909....	Wood rat, Oct. 17, 1909.	Oct. 9, 1911....	114 squirrels and 1 wood rat.
Contra Costa.....	July 21, 1911....	None.....	Sept. 23, 1911....	364 squirrels.
Fresno.....	None.....	do.....	Oct. 27, 1911....	1 squirrel.
Merced.....	do.....	do.....	July 13, 1911....	5 squirrels.
Monterey.....	do.....	do.....	Aug. 6, 1911....	Do.
San Benito.....	June 5, 1910....	do.....	June 8, 1911....	22 squirrels.
San Joaquin.....	Sept. 18, 1911....	do.....	Aug. 26, 1911....	18 squirrels.
San Luis Obispo.....	None.....	do.....	Jan. 29, 1910....	1 squirrel.
Santa Clara.....	Aug. 23, 1910....	do.....	Oct. 5, 1910....	23 squirrels.
Santa Cruz.....	None.....	do.....	May 17, 1910....	3 squirrels.
Stanislaus.....	do.....	do.....	June 2, 1911....	13 squirrels.
Washington:				
City—				
Seattle.....	Oct. 30, 1907....	Sept. 21, 1911....	None.....	25 rats.

RATS COLLECTED AND EXAMINED FOR PLAGUE INFECTION.

Places.	Week ended—	Found dead.	Total collected.	Examined.	Found infected.
California:					
Cities—					
Berkeley.....	Dec. 9, 1911		1 115	35	
Oakland.....	do	16	3 747	639	
San Francisco.....	do	11	3 1,599	1,223	
Fresno.....	do		4 196	196	
Counties—					
Santa Clara.....	do		5 96	96	
Stanislaus.....	do		6 23	23	
Washington:					
City—					
Seattle.....	do		979	807	

¹ Identified: *Mus norvegicus*, 69; *Mus musculus*, 46.

² Identified: *Mus norvegicus*, 636; *Mus musculus*, 108; *Mus rattus*, 2; *Mus alexandrinus*, 1.

³ Identified: *Mus norvegicus*, 844; *Mus rattus*, 192; *Mus musculus*, 375; *Mus alexandrinus*, 188.

⁴ Identified: *Mus alexandrinus*, 182; *Mus musculus*, 14.

⁵ Identified: *Mus norvegicus*, 96.

⁶ Identified: *Mus alexandrinus*, 19; *Mus musculus* 4.

SQUIRRELS COLLECTED AND EXAMINED FOR PLAGUE INFECTION.

Places.	Week ended—	Shot or trapped.	Found dead.	Examined.	Found infected.
California:					
Counties—					
Alameda.....	Dec. 9, 1911		1102		
Merced.....	do	4		4	
San Joaquin.....	do	71		71	
Stanislaus.....	do	58		58	
Total.....		133	102	133	

¹ Probably killed by poison. Not examined because of decomposition.

OTHER ANIMALS COLLECTED AND EXAMINED.

Places.	Week ended—	Animals collected.	Examined.	Found infected.
California:				
Counties—				
Merced.....	Dec. 9, 1911	6 rabbits	6	
San Joaquin.....	do	1 rabbit	1	
Stanislaus.....	do	7 rabbits	7	
Total.....			14	

SMALLPOX IN THE UNITED STATES.

In the following tables the States indicated by an asterisk are those from which reports of smallpox are received only from certain city, and in some cases county, boards of health. In these States, therefore, the recorded cases and deaths should not be taken as showing the general prevalence of the disease. In the States not marked by an asterisk the reports are received monthly from the State boards of health and include all cases reported throughout the State:

REPORTS RECEIVED DURING WEEK ENDED DEC. 29, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
Arizona.....				No case in October or November.
Counties:				
Cochise.....	Aug. 1-31		1	
Santa Cruz.....	Sept. 1-30	1		
Total for State.....		1	1	
Indiana:				
Counties—				
Adams.....	Nov. 1-30	1		
Dearborn.....	do	5		
Delaware.....	do	1		
Howard.....	do	12		
Marion.....	do	2		
Miami.....	do	10		
Ohio.....	do	4		
Randolph.....	do	1		
Wayne.....	do	1		
Total for State.....		37		
*Missouri:				
St. Louis.....	Dec. 9-16	1		
Pennsylvania.....	Nov. 1-30	7		No case in September or October.

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received during week ended Dec. 29, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
Texas:				
Counties.....				El Paso, May 1-Oct. 31: Cases, 28 with 10 deaths.
Comal.....	Nov. 1-30.....	8		
Hidalgo.....	do.....	3		
Lasalle.....	do.....	1		
Total for State.....		12		
Vermont:				
Counties.....				No cases in August.
Orleans.....	July 1-31.....	15		
Do.....	Sept. 1-30.....	40		
Do.....	Oct. 1-31.....	50		
Caledonia.....	Nov. 1-30.....	79		
Orleans.....	do.....	60		
Caledonia.....	Dec. 1-31.....	61		
Orleans.....	do.....	18		
Total for State.....		323		

Smallpox in Los Angeles, Cal.

Surg. Brooks reports December 16: I have the honor to call attention to the severity of cases of smallpox which have recently developed in this city.

On November 22, 1911, a case was found in a district occupied by Mexicans, and investigation drew attention to 2 suspicious deaths in children, which occurred earlier in the same community. To this date 14 cases have been found scattered in various parts of the city. Five have died. Not one of the five presented any evidence of successful vaccination.

In contrast to this, in the past 10 years there have been only 3 deaths from smallpox in this city.

REPORTS RECEIVED FROM JULY 1 TO DEC. 29, 1911.

[For reports received from Dec. 31, 1910, to June 30, 1911, see Public Health Reports for June 30, 1911. In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

Places.	Date.	Cases.	Deaths.	Remarks.
*Alabama:				
Mobile.....	June 18-24.....	3		
Montgomery.....	June 25-Aug. 30...	6		
Total for State.....		9		
Arizona:				
Counties—				
Cochise.....	July 1-Aug. 31....	7	1	
Santa Cruz.....	Sept. 1-30.....	1		
Total for State.....		8	1	
California:				
Counties—	June 1-30.....		2	
Alameda.....	Aug. 1-31.....	1		
Fresno.....	Aug. 1-Oct. 31.....	16		
Los Angeles.....	May 1-Oct. 31.....	13		
Marin.....	Oct. 1-31.....	1		
Sacramento.....	Aug. 1-Sept. 30.....	3		
San Bernardino.....	Aug. 1-Oct. 31.....	9		
Santa Cruz.....	May 1-31.....	2		
San Diego.....	May 1-July 31.....	1		
San Francisco.....	May 1-Sept. 30.....	8		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from July 1 to Dec. 29, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
California—Continued.				
Counties—Continued.				
San Luis Obispo.....	Oct. 1-31.....	1		
San Joaquin.....	Aug. 1-Sept. 30.....	2		
Siskiyou.....	Aug. 1-Oct. 31.....	3		
Tulare.....	Aug. 1-31.....	1		
Ventura.....	July 1-Aug. 31.....	2		
Total for State.....		63	2	
Colorado:				
Counties—				
Archuleta.....	Aug. 1-31.....	1		
Boulder.....	June 1-July 31.....	3		
Chaffee.....	June 1-Nov. 30.....	4		
Clear Creek.....	June 1-July 31.....	8		
Conejos.....	do.....	4		
Costilla.....	June 1-30.....	1		
Delta.....	do.....	7		
Denver.....	June 1-Nov. 30.....	56		
El Paso.....	June 1-Oct. 31.....	3		
Fremont.....	Aug. 1-Oct. 31.....	3		
Huerfano.....	June 1-Aug. 31.....	7		
Jefferson.....	Aug. 1-Nov. 30.....	2		
Kiowa.....	July 1-Oct. 31.....	8		
Lake.....	June 1-Sept. 30.....	10		
La Plata.....	June 1-July 31.....	7		
Larimer.....	June 1-Aug. 31.....	10		
Las Animas.....	Aug. 1-Nov. 30.....	4		
Lincoln.....	June 1-30.....	2		
Logan.....	Oct. 1-31.....	1		
Mesa.....	June 1-30.....	1		
Morgan.....	Aug. 1-31.....	3		
Montrose.....	July 1-31.....	2		
Otero.....	do.....	1		
Phillips.....	June 1-Oct. 31.....	2		
Pueblo.....	do.....	9		
San Miguel.....	June 1-30.....	1		
Summit.....	Sept. 1-Nov. 30.....	7		
Washington.....	June 1-July 31.....	11		
Weld.....	July 1-Nov. 30.....	3		
Total for State.....		181		
Connecticut:				
Middlesex County.....	July 1-Aug. 31.....	2		
Delaware:				
Reedy Island Quarantine Station.....	Dec. 18.....	1		From a. a. Chemnitz, from Bremen.
District of Columbia:				
District of Columbia.....	July 2-8.....	5		
Florida:				
Counties—				
Alachua.....	Aug. 20-Nov. 18.....	5		
Bradford.....	July 17-Sept. 30.....	8		
Citrus.....	July 9-Oct. 21.....	4		
Columbia.....	July 2-Nov. 11.....	2		
De Soto.....	June 16-Aug. 26.....	7		
Duval.....	June 16-Sept. 23.....	44	1	
Escambia.....	June 16-Aug. 26.....	7		
Gadsden.....	July 9-Sept. 23.....	72		
Hillsboro.....	June 16-Aug. 26.....	3		
Jackson.....	July 2-Sept. 30.....	57		
Jefferson.....	Sept. 16-Nov. 11.....	40		
Leon.....	June 16-Nov. 11.....	12		
Levy.....	July 9-16.....	1		
Madison.....	Sept. 10-16.....	2		
Manatee.....	June 16-July 8.....	8		
Marion.....	July 9-Sept. 16.....	2		
Orange.....	June 16-July 16.....	2		
Pasco.....	July 9-16.....	20		
Polk.....	June 16-July 16.....	5		
Putnam.....	Nov. 5-11.....	2		
Santa Rosa.....	July 9-16.....	6		
Sumter.....	Aug. 1-6.....	1		
Volusia.....	July 9-16.....	1		
Washington.....	Aug. 1-Nov. 11.....	12		
Total for State.....		323	1	

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from July 1 to Dec. 29, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
Indiana:				
Counties—				
Adams.....	Aug. 1–Nov. 30.....	5		
Allen.....	June 1–30.....	1		
Bartholomew.....	July 1–31.....	1		
Benton.....	June 1–30.....	2		
Blackford.....	do.....	4		
Boone.....	Aug. 1–31.....	1		
Cass.....	do.....	1		
Clarke.....	July 1–31.....	2		
Clinton.....	June 1–30.....	7		
Dearborn.....	Oct. 1–Nov. 30.....	6		
Delaware.....	June 1–Nov. 30.....	15		
Franklin.....	July 1–31.....	1		
Henry.....	June 1–Sept. 30.....	3		
Howard.....	June 1–Nov. 30.....	56		
Jay.....	June 1–30.....	2		
Lake.....	Aug. 1–31.....	3		
Laporte.....	June 1–30.....	2		
Madison.....	June 1–Aug. 31.....	24		
Marion.....	June 1–Nov. 30.....	6		
Miami.....	Oct. 1–Nov. 30.....	17		
Ohio.....	Nov. 1–30.....	4		
Orange.....	Aug. 1–31.....	2		
Parke.....	June 1–July 31.....	4		
Posey.....	June 1–30.....	3		
Randolph.....	Oct. 1–Nov. 30.....	2		
Rush.....	Aug. 1–31.....	3		
Shelby.....	June 1–30.....	3		
Tippecanoe.....	July 1–31.....	2		
Tipton.....	June 1–Sept. 30.....	7		
Vanderburg.....	June 1–Aug. 31.....	1	1	
Vigo.....	July 1–Sept. 30.....	25		
Wabash.....	June 1–30.....	2		
Wayne.....	June 1–Nov. 30.....	14		
Total for State.....		228	1	
Iowa:				
Counties—				
Adams.....	June 1–July 31.....	19		
Appanoose.....	June 1–30.....	1		
Blackhawk.....	do.....	4		
Buchanan.....	Nov. 1–30.....	2		
Butler.....	Oct. 1–Nov. 30.....	15		
Calhoun.....	Nov. 1–30.....	13		
Carroll.....	June 1–Nov. 30.....	4		
Clayton.....	Nov. 1–30.....	4		
Davis.....	June 1–30.....	3		
Decatur.....	June 1–July 31.....	2		
Fremont.....	June 1–Sept. 30.....	11		
Henry.....	June 1–Nov. 30.....	4		
Jefferson.....	Nov. 1–30.....	7		
Johnson.....	July 1–31.....	13		
Lee.....	June 1–30.....	1		
Linn.....	July 1–Nov. 30.....	12		
Madison.....	Sept. 1–Nov. 30.....	4		
Marshall.....	June 1–Aug. 31.....	9		
Mills.....	June 1–30.....	1	1	
Polk.....	June 1–Sept. 30.....	14		
Pottawattamie.....	June 1–Nov. 30.....	64		
Scott.....	do.....	8		
Sioux.....	do.....	12		
Taylor.....	June 1–Nov. 30.....	9		
Wapello.....	June 1–Aug. 31.....	5		
Wright.....	June 1–30.....	1		
Woodbury.....	July 1–31.....	1		
Total for State.....		243	1	
Kansas:				
Counties—				
Allen.....	May 1–31.....	7		
Anderson.....	June 1–30.....	15		
Atchison.....	May 1–June 30.....	2		
Barton.....	do.....	8		
Brown.....	Aug. 1–31.....	5		
Clark.....	July 1–Sept. 30.....	6		
Clay.....	May 1–31.....	1		
Cloud.....	do.....	1		
Cowley.....	Sept. 1–30.....	3		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from July 1 to Dec. 29, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
Kansas—Continued.				
Counties—Continued.				
Crawford	May 1-July 31	19		
Dickinson	May 1-31	13		
Doniphan	do.	15		
Douglas	May 1-Aug. 31	5		
Elk	May 1-31	15		
Ellsworth	June 1-30	1		
Franklin	May 1-31	4		
Graham	May 1-June 30	3		
Harvey	May 1-Aug. 31	33		
Haskell	May 1-31	19		
Jefferson	May 1-July 31	9		
Jewell	July 1-Aug. 31	7		
Johnson	May 1-June 30	5		
Kearny	June 1-July 31	2		
Labette	May 1-Aug. 31	14		
Lane	June 1-30	11		
Leavenworth	May 1-June 30	3		
Lyon	July 1-Aug. 30	3		
Marion	May 1-31	3		
Marshall	do.	3		
Miami	do.	3		
Mitchell	do.	6		
Montgomery	do.	5		
Norton	June 30	9		
Osage	May 1-31	1	3	
Pottawatomie	do.	2		
Reno	do.	3		
Republic	May 1-Aug. 31	5		
Rice	June 30	13		
Riley	May 1-June 30	9		
Rooks	May 1-July 31	13		
Saline	May 1-Aug. 31	8		
Sedgwick	May 1-Sept. 30	12		
Shawnee	May 1-Aug. 31	84	17	
Sherman	June 1-30	1		
Smith	May 1-31	18		
Thomas	do.	2		
Washington	do.	1		
Wyandotte	May 1-Sept. 30	29		
Total for State		459	20	
Kentucky:				
Covington	July 2-22	10		
Louisville	May 1-Oct. 31	8		
Total for State		18		
*Louisiana:				
Parishes—				
Ascension	Mar. 1-31	21		
Morhouse	Apr. 1-30	4		
Orleans—				
New Orleans	June 25-Dec. 2	8		
St. Tammany	Mar. 1-31	3		
Tangipahoa	Mar. 1-Apr. 30	21		
Total for State		57		
Maine, entire State.				
Counties—				
Androscoggin	Aug. 1-31	3		July 1-31, no case.
Somerset	June 1-30	3		
Total for State		6		
Maryland				
Counties—				
Frederick	June 1-July 31	3		No case in August, September, or October.
Prince Georges	July 1-31	1		
Washington	June 1-30	1		
Total for State		5		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from July 1 to Dec. 29, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
Massachusetts.				No case in July, August, and October.
Counties—				
Bristol.....	Sept. 1-30.....	1		
Middlesex.....	June 1-Nov. 30.....	2		
Suffolk.....	Nov. 1-30.....	1		
Total for State.....		4		
Michigan:				
Counties—				
Antrim.....	June 1-30.....	2		
Berrien.....	Oct. 1-31.....	1		
Calhoun.....	June 1-July 31.....	12		
Cheboygan.....	July 1-31.....	10		
Crawford.....	Nov. 1-30.....	1		
Grand Traverse.....	June 1-Nov. 30.....	8		
Gratiot.....	Aug. 1-Sept. 30.....	3		
Isabella.....	June 1-30.....	1		
Leelanau.....	Nov. 1-30.....	1		
Mackinac.....	June 1-Aug. 31.....	8		
Marquette.....	June 1-30.....	1		
Millford.....	July 1-31.....	1		
Montcalm.....	July 1-Nov. 30.....	10		
Muskegon.....	July 1-31.....	2		
Oakland.....	June 1-30.....	1		
Ontonagon.....	Nov. 1-30.....	2		
Ottawa.....	June 1-30.....	1		
Saginaw.....	Sept. 1-30.....	1		
St. Clair.....	June 1-Sept. 30.....	23		
Shiawassee.....	June 1-Nov. 30.....	5		
Tuscola.....	Sept. 1-30.....	1		
Washtenaw.....	June 1-July 31.....	6		
Wayne.....	June 1-Nov. 30.....	14		
Total for State.....		115		
Minnesota:				
Counties—				
Ramsey.....	(Mar. 1-31.....)		1	
	(May 1-31.....)		1	
Brown.....	June 20-26.....	2		
Carver.....	June 1-5.....	1		
Chisago.....	Oct. 19-23.....	1		
Clay.....	Nov. 14-20.....	1		
Dodge.....	July 4-Nov. 27.....	6		
Faribault.....	June 6-17.....	2		
Fillmore.....	June 6-Nov. 6.....	4		
Goodhue.....	July 25-31.....	1		
Hennepin.....	June 1-Nov. 20.....	79		
Houston.....	July 25-31.....	1		
Isanti.....	Oct. 24-30.....	1		
Lac qui Parle.....	June 1-19.....	4		
Mille Lacs.....	June 1-5.....	1		
Otter Tail.....	June 1-Sept. 18.....	8		
Ramsey.....	June 1-Nov. 20.....	180		
Redwood.....	Aug. 15-21.....	1		
Rice.....	Nov. 1-6.....	2		
Rock.....	Aug. 29-Sept. 4.....	1		
St. Louis.....	June 21-Nov. 20.....	42		
Scott.....	Oct. 9-16.....	5		
Wabasha.....	Nov. 4-20.....	1		
Wadena.....	July 11-Aug. 7.....	3		
Yellow Medicine.....	June 1-26.....	35		
Total for State.....		382	2	
*Missouri:				
Kansas City.....	June 1-Oct. 31.....	23	2	
St. Louis.....	June 18-Dec. 16.....	3		
Total for State.....		26	2	
Montana.				June 1-30, no case.
Counties—				
Beaverhead.....	July 1-31.....	1		
Cascade.....	do.....	1		
Cascade.....	do.....	4		
Jefferson.....	do.....	1		
Powell.....	do.....	2		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from July 1 to Dec. 29, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
Montana—Continued.				
Counties—Continued.				
Silver Bow.....	July 1-31.....	3		
Teton.....	do.....	3		
Yellowstone.....	do.....	1		
Total for State.....		16		
*Nebraska:				
Lincoln.....	Feb. 1-Sept. 30.....	201		July 1-31, no case.
Omaha.....	June 19-Dec. 2.....	5		
South Omaha.....	Aug. 20-26.....	1		
Total for State.....		207		
New Hampshire.....	June 9-Sept. 30....	45		
New Jersey.....				
Counties—				
Cumberland.....	Sept. 1-30.....	1	1	No case in June, August, and October.
Middlesex.....	July 1-31.....	1		
Total for State.....		2	1	
New York.....				
Counties—				
Albany.....	Sept. 1-30.....	2		
Cattaraugus.....	July 1-Oct. 31.....	10		
Erie.....	June 1-Oct. 31.....	20		
Clinton.....	June 1-30.....	1		
Franklin.....	do.....	1		
Jefferson.....	Aug. 1-31.....	1		
Monroe.....	June 1-30.....	4		
New York.....	Oct. 1-31.....	1	1	
Onondaga.....	June 1-Aug. 31.....	10		
Otsego.....	June 1-30.....	1		
St. Lawrence.....	do.....	4		
Schoharie.....	July 1-31.....	11		
Steuben.....	July 1-Sept. 30.....	9		
Tioga.....	June 1-30.....	1		
Ulster.....	do.....	5		
Wayne.....	July 1-31.....	1		
Wyoming.....	July 1-Oct. 31.....	7		
Total for State.....		90	1	
North Carolina:				
Counties—				
Alamance.....	June 1-July 31.....	2		
Anson.....	Sept. 1-Oct. 31.....	55		
Avery.....	June 1-July 31.....	56		
Beaufort.....	Oct. 1-31.....	1		
Bertie.....	June 1-July 31.....	2		
Catawba.....	June 1-Sept. 30.....	3		
Chatham.....	June 1-Aug. 31.....	2		
Cleveland.....	Oct. 1-31.....	2		
Craven.....	June 1-Aug. 31.....	3		
Cumberland.....	June 1-Sept. 30.....	9		
Currituck.....	July 1-31.....	1		
Duplin.....	do.....	3		
Durham.....	July 1-Oct. 31.....	8		
Edgecombe.....	June 1-30.....	4		
Forsyth.....	Sept. 1-30.....	1		
Granville.....	July 1-Oct. 31.....	41		
Guilford.....	Aug. 1-31.....	3		
Harnett.....	Aug. 1-Sept. 30.....	3		
Haywood.....	June 1-Oct. 31.....	8		
Henderson.....	June 1-30.....	4		
Hoke.....	Sept. 1-Oct. 31.....	8		
Iredell.....	Oct. 1-31.....	7		
Johnston.....	July 1-31.....	1		
Lincoln.....	Sept. 1-Oct. 31.....	3		
McDowell.....	Aug. 1-31.....	1		
Martin.....	Oct. 1-31.....	1		
Mecklenburg.....	July 1-Sept. 30.....	10		
Mitchell.....	Sept. 1-30.....	1		
New Hanover.....	June 1-Oct. 31.....	8		
Northampton.....	Oct. 1-31.....	1		
Pasquotank.....	June 1-30.....	2		
Pender.....	Oct. 1-31.....	4		
Randolph.....	Sept. 1-30.....	1		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from July 1 to Dec. 29, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
North Carolina—Continued.				
Counties—Continued.				
Robeson.....	July 1-Sept. 30	16		
Rockingham.....	Sept. 1-Oct. 31	3		
Rowan.....	June 1-July 31	2		
Sampson.....	July 1-31.....	1		
Union.....	Oct. 1-31.....	1		
Vance.....	Aug. 1-Oct. 31	22		
Warren.....	July 1-Aug. 31	11		
Watauga.....	June 1-30.....	2		
Wayne.....	July 1-31.....	1		
Wilmington.....	.....do.....	3		
Yancey.....	Sept. 1-Oct. 31	4		
Total for State.....		325		
North Dakota:				
Counties—				
Billings.....	June 1-July 31	8		
Cass.....	Aug. 1-Nov. 30	6		
Cavalier.....	Sept. 1-Nov. 30	9		
Foster.....	Nov. 1-30.....	1		
Grand Forks.....	Sept. 1-30.....	2		
Lamoure.....	July 1-Sept. 30	7		
McKenzie.....	Aug. 1-31.....	1		
Morton.....	June 1-30.....	1		
Mountrail.....	.....do.....	6		
Nelson.....	Aug. 1-31.....	4		
Ward.....	June 1-30.....	1		
Total for State.....		46		
Ohio:				
Counties—				
Allen.....	Sept. 1-30.....	5		
Ashtabula.....	June 1-Nov. 30	4		
Brown.....	June 1-30.....	4		
Clark.....	July 1-31.....	19		
Clermont.....	June 1-30.....	3		
Defiance.....	June 1-Nov. 30	92		
Franklin.....	July 1-Nov. 30	46		
Geauga.....	June 1-30.....	2		
Hamilton.....	July 1-Nov. 30	28		
Licking.....	.....do.....	2		
Lorain.....	July 1-31.....	5		
Lucas.....	July 1-Nov. 30	7		
Morgan.....	Oct. 1-31.....	7		
Pickaway.....	July 1-31.....	3		
Ross.....	Aug. 1-31.....	9		
Sandusky.....	June 1-30.....	4		
Total for State.....		240		
Oklahoma:				
Counties—				
Beckham.....	Sept. 1-30.....	1		
Bryan.....	June 1-30.....	1		
Caddo.....	May 1-31.....	1		
Carter.....	June 1-30.....	1		
Cleveland.....	May 1-June 30	49		
Comanche.....	June 1-Aug. 31	9		
Craig.....	June 1-30.....	6		
Custer.....	May 1-31.....	5		
Dewey.....	.....do.....	6		
Ellis.....	June 1-30.....	3		
Garvin.....	May 1-31.....	19		
Haskell.....	May 1-July 31	9		
Hughes.....	May 1-Aug. 31	9		
Jefferson.....	May 1-June 30	7		
Johnson.....	May 1-31.....	3		
Kay.....	.....do.....	6		
Kingfisher.....	.....do.....	1		
Kiowa.....	.....do.....	1		
Le Flore.....	May 1-June 30	3		
Logan.....	June 1-30.....	1		
McClain.....	May 1-31.....	18		
McIntosh.....	.....do.....	1		
Nowata.....	May 1-June 30	2		
Okfuskee.....	May 1-31.....	1		
Oklahoma.....	May 1-Sept. 30	11		
Pittsburg.....	June 1-30.....	1		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from July 1 to Dec. 29, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
Oklahoma—Continued.				
Counties—Continued.				
Pontotoc.....	May 1-Sept. 30....	6		
Pottawatomie.....	June 1-30.....	3		
Pushmataha.....	May 1-31.....	2		
Roger Mills.....	May 1-June 30....	6		
Rogers.....	July 1-31.....	1		
Seminole.....	May 1-June 30....	16		
Squayah.....	Aug. 1-31.....	3		
Tulsa.....	May 1-Aug. 31....	11		
Wagoner.....	May 1-31.....	1		
Washington.....	June 1-30.....	1		
Washita.....	May 1-June 30....	2		
Woodward.....	May 1-31.....	1		
Total for State.....		228		
Oregon.....	Aug. 1-31.....	1		Not previously reported.
Counties—				
Baker.....	June 1-Sept. 30....	5		
Benton.....	May 1-Oct. 31....	2		
Coos.....	Aug. 1-31.....	1		
Douglas.....	Apr. 1-30.....	1		
Grant.....	Aug. 1-Oct. 31....	16		
Josephine.....	Aug. 1-31.....	1		
Lincoln.....	Oct. 1-31.....	2		
Linn.....	Apr. 1-Oct. 31....	3		
Morrow.....	May 1-31.....	1		
Multnomah.....	Apr. 1-Sept. 30....	17		
Union.....	June 1-30.....	1		
Wasco.....	do.....	8		
Washington.....	Apr. 1-June 30....	7		
Yamhill.....	June 1-Sept. 30....	2		
Total for State.....		68		
Pennsylvania.....	May 1-Nov. 30....	96		No case in September or October.
*Rhode Island:				
Providence.....	June 15-Nov. 19..	4		
*South Carolina:				
Port Royal.....	July 22.....	1		
South Dakota:				
Counties—				
Aurora.....	June 1-July 31....	3		
Beadle.....	May 1-31.....	13		
Brookings.....	Apr. 1-30.....	9		
Brown.....	Apr. 1-June 30....	10		
Brule.....	Apr. 1-May 21....	6		
Charles Mix.....	June 1-30.....	1		
Clay.....	Oct. 1-31.....	2		
Codington.....	June 1-Aug. 31....	8		
Davison.....	May 1-July 31....	7		
Day.....	June 1-30.....	1		
Dewey.....	June 1-Aug. 31....	5		
Fall River.....	Apr. 1-May 31....	18		
Grant.....	do.....	4		
Hamilton.....	Sept. 1-30.....	1		
Hanson.....	May 1-31.....	1		
Hughes.....	June 1-30.....	1		
Hutchinson.....	Apr. 1-Sept. 30....	4		
Jerauld.....	May 1-June 30....	6		
Kingsbury.....	Apr. 1-May 31....	8		
Lawrence.....	Apr. 1-July 31....	7		
Lincoln.....	do.....	3		
Lyman.....	Apr. 1-May 31....	16	1	
McCook.....	do.....	11		
Miner.....	Apr. 1-June 30....	5		
Minnehaha.....	do.....	15		
Pennington.....	do.....	48		
Roberts.....	Sept. 1-30.....	1		
Sanborn.....	May 1-31.....	3		
Spink.....	Apr. 1-Aug. 31....	9		
Tripp.....	Apr. 1-Sept. 30....	12		
Turner.....	July 1-31.....	5		
Total for State.....		243	1	

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from July 1 to Dec. 29, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
Tennessee:				
Counties—				
Knox—				
Knoxville.....	June 18-July 22...	9		
Shelby.....	June 1-Nov. 30....	11		
Total for State.....		20		
Texas.....				
	{ May 1-31.....	12		
	{ July 1-31.....	1		
	{ Sept. 1-30.....		2	
Counties—				
Brazoria.....	Aug. 1-Sept. 30....	5		
Bell.....	June 1-30.....	2		
Cameron.....	May 1-Aug. 31.....	34		
Childress.....	June 1-30.....	1		
Collin.....	May 1-31.....	5		
Comal.....	Nov. 1-30.....	8		
Dallas.....	May 1-31.....	13		
Denton.....	Apr. 1-May 31.....	5		
Eastland.....	Aug. 1-31.....	5		
El Paso.....	May 1-Oct. 31.....	28	10	
Floyd.....	May 1-31.....	3		
Galveston.....	May 1-June 30.....	7		
Hale.....	Sept. 1-30.....	1		
Hall.....	May 1-June 30.....	4		
Harris.....	May 1-Aug. 31.....	6		
Hidalgo.....	May 1-Nov. 30.....	6		
Hunt.....	June 1-July 31.....	5		
Lasalle.....	Nov. 1-30.....	1		
Marion.....	May 1-31.....	1		
McLennan.....	do.....	1		
Navarro.....	do.....	32		
Nueces.....	do.....	5		
Tarrant.....	May 1-June 30.....	9		
Titus.....	May 1-31.....	5		
Victoria.....	July 1-31.....	1		
Wayne.....	June 1-30.....	5		
Wharton.....	Sept. 1-30.....	1		
Wichita.....	May 1-31.....	6		
Total for State.....		218	12	
Utah:				
Counties—				
Beaver.....	May 1-July 31....	18		
Boxelder.....	do.....	31		
Cache.....	May 1-June 30.....	14		
Carbon.....	May 1-Sept. 30....	118	2	
Emery.....	May 1-Oct. 31.....	118	1	
Garfield.....	May 1-Aug. 31.....	20		
Juab.....	July 1-Sept. 30....	6		
Piute.....	May 1-31.....	9		
Rich.....	July 1-31.....	16		
Salt Lake.....	May 1-Oct. 31.....	45		
Sanpete.....	do.....	67		
Sevier.....	do.....	57		
Tooele.....	May 1-June 30.....	33		
Uinta.....	May 1-Oct. 31.....	28		
Utah.....	do.....	19	1	
Washington.....	May 1-July 31.....	1		
Weber.....	do.....	11		
Wayne.....	Oct. 1-31.....	4		
Total for State.....		615	4	
Vermont:				
Counties—				
Caledonia.....	Nov. 1-Dec. 31....	140		
Orleans.....	July 1-Dec. 31....	183		
Total for State.....		323		
Virginia:				
Counties—				
Augusta.....	Aug. 1-Oct. 31.....	13		
Brunswick.....	Mar. 1-Oct. 31.....	52		
Campbell.....	May 1-Aug. 31.....	2		
Chesterfield.....	Sept. 1-30.....	1		
Dinwiddie.....	Apr. 1-May 31.....	19		
Essex.....	Aug. 1-31.....	1		
Fairfax.....	Mar. 1-Oct. 31.....	8		
Fauquier.....	Apr. 1-May 30.....	6		
Grayson.....	Sept. 1-30.....	2		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from July 1 to Dec. 29, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
Virginia—Continued.				
Counties—Continued.				
Greensville	July 1-31	4		
Halifax	Aug. 1-31	1		
Hanover	Mar. 1-July 31	3		
Henrico	Mar. 1-Aug. 31	17		
Henry	do.	77		
Isle of Wight	May 1-31	1		
Lancaster	do.	1		
Lee	Mar. 1-Oct. 31	111		
Loudoun	Mar. 1-31	1		
Lunenburg	Nov. 1-30	4		
Mecklenburg	Mar. 1-Nov. 30	35		
Nansemond	do.	40		
Norfolk	Apr. 1-Nov. 30	31		
Northampton	do.	2		
Page	Apr. 1-30	8		
Pittsylvania	Mar. 1-July 31	46		
Prince William	Mar. 1-31	1		
Princess Anne	do.	1		
Rosnoke	May 1-31	1		
Southampton	Mar. 1-Nov. 30	16		
Spotsylvania	Sept. 1-30	1		
Surry	Mar. 1-31	2		
Sussex	Mar. 1-June 30	7		
Wise	do.	15		
Total for State		520		
Washington:				
Counties—				
Adams	June 1-30	1		
Benton	July 1-31	2		
Chehalis	May 1-Aug. 31	5		
Chelan	do.	3		
Clallam	June 1-30	2		
Columbia	May 1-Sept. 30	6		
Cowlitz	do.	5		
Ferry	Sept. 1-30	1		
Garfield	May 1-July 31	5		
King	May 1-Sept. 30	94		
Kitsap	June 1-30	2		
Kittitas	July 1-31	2		
Lewis	June 1-30	2		
Mason	May 1-June 30	33		
Okanogan	June 1-30	2		
Pend Oreille	Sept. 1-30	2		
Pierce	May 1-Sept. 30	13		
San Juan	May 1-31	1		
Skagit	May 1-Sept. 30	6		
Skamania	June 1-30	1		
Spokane	May 1-Sept. 30	16		
Thurston	May 1-31	1		
Whatcom	do.	5		
Whitman	do.	17		
Yakima	May 1-Sept. 30	99		
Total for State		326		
Wisconsin				July 1-31, no cases.
Counties—				
Adams	Nov. 1-30	1		
Ashland	June 1-30	1		
Barron	June 1-Aug. 31	4		
Bayfield	Oct. 1-Nov. 30	5		
Dane	Nov. 1-30	36		
Douglas	June 1-Nov. 30	110		
Iowa	June 1-30	8		
La Crosse	Nov. 1-30	1		
Milwaukee	June 1-30	1		
Outagamie	Nov. 1-30	2		
Pierce	Aug. 1-Sept. 30	10		
Rock	July 1-Nov. 30	3		
Vilas	June 1-30	1		
Winnebago	Oct. 1-31	1		
Wood	June 1-Nov. 30	21		
Total for State		205		
Grand total for the United States		5,973	49	

CHOLERA IN THE UNITED STATES.

Reports Received from June 5 to Dec. 29, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
Massachusetts: Boston.....	July 20.....	1	1	Removed to quarantine station at Gallups Island.
New York: Auburn.....	June 30-July 1....	1	1	From steamship Duca degli Abruzzi, from Genoa and Naples.
Brooklyn.....	June 30-July 4....	1	1	From steamship Duca degli Abruzzi. Removed to quarantine.
New York City.....	July 19-22.....	1		Removed to quarantine.
New York quarantine.....	June 5-Aug. 19....	18	13	Case June 5-July 18 from steamship Europa, from Genoa and Naples. Case July 11 from steamship Carpathia, from Trieste, Fiume, and Italian ports. 5 cases June 18-July 21 among passengers from steamship Duca degli Abruzzi. 9 cases July 12-31 among passengers from steamship Moltke, from Genoa, Naples, and Palermo. 1 case from steamship Konig Albert, from Genoa, Naples, Palermo, and Gibraltar. 1 case Aug. 16 from steamship Re d'Italia.
Staten Island.....	July 14-15.....	1		Removed to quarantine.

PLAGUE IN THE UNITED STATES.

REPORTS RECEIVED FROM JULY 1 TO DEC. 29, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
California: Counties— Alameda— Oakland.....	Aug. 9.....	1		Infection received at Pinole Canyon, Contra Costa County, Cal. 1 mile n. w. of Lafayette. 2 miles n. e. of Ripon.
Contra Costa.....	July 25-26.....	1	1	
San Joaquin.....	Sept. 18.....	1		

MORBIDITY AND MORTALITY.

MORBIDITY AND MORTALITY TABLE, CITIES OF THE UNITED STATES, FOR WEEK ENDED DEC. 9, 1911.

Cities.	Popula- tion, United States census 1910.	Total deaths from all causes.		Diph- theria.		Measles.		Scarlet fever.		Small- pox.		Tuber- culosis.		Ty- phoid fever.	
		Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
<i>Cities having over 500,000 inhabitants.</i>															
Baltimore, Md.....	558,485	186	28	2	2	9	25	1	.....	39	32	17	1	.....	.....
Boston, Mass.....	670,585	198	56	2	2	43	27	.....	1	59	25	4	.....	.....	.....
Chicago, Ill.....	2,185,283	625	195	17	.....	29	129	12	.....	232	57	49	8	.....	.....
Cleveland, Ohio.....	560,663	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York, N. Y.....	4,766,883	1,418	296	15	.....	316	6	191	8	366	171	103	8	.....	.....
Philadelphia, Pa.....	1,549,008	530	101	10	.....	10	36	3	.....	85	60	17	6	.....	.....
Pittsburgh, Pa.....	533,905	159	49	3	.....	15	17	.....	.....	20	7	10	3	.....	.....
St. Louis, Mo.....	687,029	205	45	3	.....	6	17	2	.....	25	17	2	.....	.....	.....
<i>Cities having from 300,000 to 500,000 inhabitants.</i>															
Buffalo, N. Y.....	423,715	144	17	.....	.....	28	18	.....	.....	5	1	3	.....	.....	.....
Cincinnati, Ohio.....	364,463	128	14	.....	.....	.....	25	.....	1	35	14	4	.....	.....	.....
Detroit, Mich.....	465,766	115	34	1	.....	.....	23	.....	1	.....	.....	.....	.....	.....	.....
Los Angeles, Cal.....	319,198	100	13	1	5	.....	12	.....	3	14	17	4	1	.....	.....
Milwaukee, Wis.....	373,857	91	27	2	24	1	29	1	.....	23	7	22	1	.....	.....
Newark, N. J.....	347,469	107	37	1	.....	.....	12	.....	.....	20	17	1	.....	.....	.....
New Orleans, La.....	339,075	157	5	.....	.....	3	14	.....	.....	30	19	7	1	.....	.....
San Francisco, Cal.....	416,912	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Washington, D. C.....	331,069	103	12	1	3	.....	5	.....	.....	20	11	17	3	.....	.....
<i>Cities having from 200,000 to 300,000 inhabitants.</i>															
Denver, Colo.....	213,381	54	16	3	.....	.....	7	.....	4	.....	11	.....	.....	.....	.....
Jersey City, N. J.....	267,779	77	1	.....	.....	.....	.....	.....	.....	.....	9	.....	.....	.....	.....
Providence, R. I.....	224,326	75	24	3	3	.....	12	1	.....	.....	10	.....	2	.....	.....
Seattle, Wash.....	237,194	.....	7	1	.....	.....	4	.....	.....	12	5	6	1	.....	.....
<i>Cities having from 100,000 to 200,000 inhabitants.</i>															
Bridgeport, Conn.....	102,054	31	3	1	.....	.....	3	.....	.....	7	.....	.....	1	.....	.....
Cambridge, Mass.....	104,839	.....	12	.....	.....	.....	3	.....	.....	5	3	2	.....	.....	.....
Columbus, Ohio.....	181,548	54	6	.....	5	.....	16	.....	.....	6	7	2	.....	.....	.....
Dayton, Ohio.....	116,577	36	2	.....	2	.....	1	.....	.....	.....	2	2	.....	.....	.....
Fall River, Mass.....	119,285	25	7	.....	.....	.....	2	.....	.....	2	2	.....	.....	.....	.....
Grand Rapids, Mich.....	112,571	21	1	.....	.....	.....	3	.....	.....	1	2	6	.....	.....	.....
Lowell, Mass.....	106,294	33	8	2	8	.....	11	.....	.....	2	2	1	.....	.....	.....
Nashville, Tenn.....	110,364	44	.....	.....	.....	.....	3	.....	.....	4	6	3	.....	.....	.....
Omaha, Nebr.....	124,096	25	8	.....	.....	.....	6	.....	.....	.....	2	2	.....	.....	.....
Spokane, Wash.....	104,402	.....	2	.....	3	.....	6	.....	6	.....	2	6	.....	.....	.....
Toledo, Ohio.....	168,497	50	11	1	1	.....	7	.....	.....	18	6	4	2	.....	.....
Worcester, Mass.....	145,986	36	3	.....	.....	.....	13	.....	.....	7	2	4	.....	.....	.....
<i>Cities having from 50,000 to 100,000 inhabitants.</i>															
Altoona, Pa.....	52,127	11	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bayonne, N. J.....	55,545	18	2	1	.....	.....	5	1	.....	4	1	.....	.....	.....	.....
Brockton, Mass.....	56,878	21	3	1	10	.....	2	.....	.....	3	4	1	.....	.....	.....
Camden, N. J.....	94,538	5	2	.....	.....	.....	1	.....	.....	2	.....	.....	.....	.....	.....
Duluth, Minn.....	78,466	16	.....	.....	.....	.....	2	.....	3	4	2	.....	.....	.....	.....
Elizabeth, N. J.....	73,409	30	7	1	10	.....	5	.....	.....	5	4	2	1	.....	.....
Evansville, Ind.....	69,647	25	2	1	.....	.....	.....	.....	.....	.....	3	3	1	.....	.....
Harrisburg, Pa.....	64,186	18	9	.....	1	.....	1	.....	.....	8	1	1	.....	.....	.....
Hartford, Conn.....	98,915	23	12	.....	1	.....	7	.....	.....	2	1	3	.....	.....	.....
Hoboken, N. J.....	70,324	.....	3	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Johnstown, Pa.....	55,482	.....	2	.....	.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....
Kansas City, Kans.....	82,331	.....	6	.....	.....	.....	5	.....	.....	4	.....	2	.....	.....	.....
Lawrence, Mass.....	85,892	13	3	1	.....	.....	1	.....	.....	2	.....	.....	1	.....	.....
Lynn, Mass.....	89,336	17	3	1	3	.....	6	1	.....	2	2	.....	.....	.....	.....
Manchester, N. H.....	70,063	24	2	.....	8	.....	1	.....	2	3	3	1	1	.....	.....
New Bedford, Mass.....	96,652	25	1	.....	10	.....	2	.....	.....	6	1	1	.....	.....	.....
Oklahoma, Okla.....	64,205	11	.....	.....	.....	.....	4	.....	.....	.....	.....	2	.....	.....	.....
Passaic, N. J.....	54,773	.....	1	.....	.....	.....	1	.....	.....	1	2	.....	.....	.....	.....
Pawtucket, R. I.....	51,622	.....	.....	.....	2	.....	.....	.....	.....	.....	1	.....	.....	.....	.....

MORBIDITY AND MORTALITY—Continued.

Morbidity and mortality table, cities of the United States, for week ended
Dec. 9, 1911—Continued.

Cities.	Popula- tion, United States census 1910.	Total deaths from all causes.	Diph- theria.		Measles.		Scarlet fever.		Small- pox.		Tuber- culosis.		Ty- phoid fever.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
<i>Cities having from 50,000 to 100,000 inhabitants—Con.</i>														
Reading, Pa.	96,071	32	7	2	1						1		5	3
San Antonio, Tex.	96,614	34	2				1				1	6	3	1
Schenectady, N. Y.	72,826	17	1	1	2						1	2		
Springfield, Ill.	51,678	14	2				1		1			3	1	
Springfield, Mass.	88,926	31	4	1	18		1					1	1	
Terre Haute, Ind.	58,157		6	1			4				1	2		
Trenton, N. J.	96,815	32	7				2				4	2	22	2
Wilkes-Barre, Pa.	67,105	27	8		32		1				7	2		
Wilmington, Del.	87,411			1								2		1
Yonkers, N. Y.	79,803	31	11		3		12				7	2		
<i>Cities having from 25,000 to 50,000 inhabitants.</i>														
Atlantic City, N. J.	46,150	12	1											
Auburn, N. Y.	34,668	13					1				1		1	
Aurora, Ill.	29,807	9												
Berkeley, Cal.	40,434	8									1		1	
Binghamton, N. Y.	48,443	18	1		2						1	1		
Brookline, Mass.	27,792	5	3		3						2			
Butte, Mont.	39,165	16					2	1				3		
Chattanooga, Tenn.	44,604										1		1	
Chelsea, Mass.	32,452	13			3		1				1	1	1	
Chicopee, Mass.	25,401	5	1				1							
Danville, Ill.	27,871	5	1	1										
Dubuque, Iowa.	38,494	4	8	1										
East Orange, N. J.	34,371	5	3											
Elmira, N. Y.	37,176	12	1				1				1	1		
El Paso, Tex.	39,279	15	1				2	1	4			3		1
Everett, Mass.	33,484	7					1				2	1		
Haverhill, Mass.	44,115	12	3		6		4				2		2	
Kalamazoo, Mich.	39,437	21					1					2	2	
Knoxville, Tenn.	36,346	21										3		
La Crosse, Wis.	30,417	4	2		1				2					
Lancaster, Pa.	47,227		9								1		2	
Lexington, Ky.	35,099	12	2				1				1	1		1
Lynchburg, Va.	29,494	6	4				10							
Malden, Mass.	44,404	9	2		1		2		1					
Montgomery, Ala.	38,136	22	2									1	2	
Mount Vernon, N. Y.	30,919		3		20		1				1		2	
Newcastle, Pa.	36,280		8		1		1				7		13	
Newport, Ky.	30,309	17	2	2							4	4		
Newton, Mass.	39,806	10	1		2									1
Niagara Falls, N. Y.	30,445	9	6				3				1			
Norristown, Pa.	27,875	5			1								3	1
Orange, N. J.	29,630	13	5				5					3		
Fittsfield, Mass.	32,121	11											4	2
Portsmouth, Va.	33,190	16	1			1	1					1		
Racine, Wis.	38,002	7	9									1		1
Roanoke, Va.	34,874	13	12		2		1				2		2	
Rockford, Ill.	45,401	10												1
Salem, Mass.	43,687	9	1				4				3	2		
San Diego, Cal.	39,578	30	2	1					1		6	6		
Sioux City, Iowa.	47,828		4				4							
South Omaha, Nebr.	26,259	6											1	
Superior, Wis.	40,384	8	2						11					
Taunton, Mass.	34,259	17					2							
Waltham, Mass.	27,834	9											1	
West Hoboken, N. J.	35,403	5	2									2	1	1
Wheeling, W. Va.	41,641	14	5									2	2	
Williamsport, Pa.	31,860	3	1				1						1	2
Wilmington, N. C.	25,748	14	2				1		1			1	2	
York, Pa.	44,750		2	1							1		1	
Zanesville, Ohio.	28,026	14	8	1	1		2				1	2	10	

MORBIDITY AND MORTALITY—Continued.

Morbidity and mortality table, cities of the United States, for week ended Dec. 9, 1911—Continued.

Cities.	Popula- tion, United States census 1910.	Total deaths from all causes.	Diph- theria.		Measles.		Scarlet fever.		Small- pox.		Tuber- culosis.		Ty- phoid fever.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
<i>Cities having less than 25,000 inhabitants.</i>														
Beaver Falls, Pa.	12,191		4				1							7
Bennington, Vt.		2					1							
Briddeford, Me.	17,074	2	3				1							
Braddock, Pa.	19,957	8	1	1										
Butler, Pa.	20,782	12	1	1			1				5		1	
Cambridge, Ohio.	11,327	5	1									3		
Camden, S. C.		2										1		
Carbondale, Pa.	17,040	2					2							
Clinton, Mass.	13,075	9	1								1			
Coffeyville, Kans.	12,687						1							
Concord, N. H.	21,497	7												
Cumberland, Md.	21,839	11	3								2	1	9	
Dunkirk, N. Y.		4	1											2
Galesburg, Ill.	22,089	7					1							
Harrison, N. J.	14,498	4									1			
Hyde Park, Mass.	15,507	4	1											1
Kearny, N. J.	18,659		1		2									
La Fayette, Ind.	20,081	3										1		
Lebanon, Pa.	19,240		4	1			1							1
Marinette, Wis.	14,610	1					1							2
Marlboro, Mass.	14,579	2	2								1			
Massillon, Ohio	13,879		3		1	1	1							
Medford, Mass.	23,150	7	2		3		1				2			
Melrose, Mass.	15,715	3					1							
Moline, Ill.	24,199	7					1					1	1	
Montclair, N. J.	21,150	5	2								2		1	1
Morristown, N. J.	12,507	8					1					1	1	
Nanticoke, Pa.	18,857	3	1		24									
Newburyport, Mass.	19,240	9	1		1		2					1		1
North Adams, Mass.	22,012	5	1											
Northampton, Mass.	19,431	5	1	1								1		
Ottumwa, Iowa.	22,012	6												
Palmer, Mass.		1												
Peekskill, N. Y.		4												
Plainfield, N. J.	22,550	4									2		1	
Pottstown, Pa.		6					1							
Saratoga Springs, N. Y.		7										1		
South Bethlehem, Pa.	19,973	9	1		1	1	1				1		2	
Stelton, Pa.	14,246	5	3				1				4	1		
Wilkinsburg, Pa.	18,924	4	2				5							
Woburn, Mass.	15,308	6										1	1	

STATISTICAL REPORTS OF MORBIDITY AND MORTALITY, STATES OF THE UNITED STATES (Untabulated).

CONNECTICUT.—Month of November, 1911. Population, 1,114,756. Total number of deaths from all causes 1,186, including diphtheria 21, measles 1, scarlet fever 5, tuberculosis 94, typhoid fever 15. Cases reported: Diphtheria 314 in 56 towns, measles 57 in 15 towns, scarlet fever 147 in 37 towns, tuberculosis (pulmonary) 92 in 35 towns, typhoid fever 116 in 36 towns.

IOWA.—Month of October, 1911. Population, 2,224,771. Total number of deaths from all causes 1,597, including diphtheria 14, measles 2, scarlet fever 4, tuberculosis 107, typhoid fever 37.

MINNESOTA.—Month of September, 1911. Population, 2,075,708. Total number of deaths from all causes 1,489, including diphtheria 21, measles 1, scarlet fever 7, tuberculosis 132, typhoid fever 23.

FOREIGN AND INSULAR.

ALGERIA.

Philippeville Declared Free From Plague.

According to information received December 15 from the minister of foreign affairs at Paris the city of Philippeville in Algeria has been declared free from plague.

AUSTRALIA.

Sydney—Examination of Rats.

The following information was taken from bulletins issued by the department of public health of New South Wales: During the three weeks ended November 4, 1911, 1,167 rats were examined for plague infection. No plague-infected rat was found.

The last case of human plague was reported May 29, 1909.

The last plague-infected rat was found April 25, 1911.

BULGARIA.

Cholera and Cholera Carriers.

The American chargé d'affaires at Bucharest reports: According to information received from the ministry of foreign affairs at Sophia, a case of cholera occurred in the district of Karnobat, Bulgaria, November 14. Bacteriological examination made November 15 showed 3 children in the same locality to be cholera carriers.

CHINA.

Hongkong—Plague.

Surg. Brown reports November 13: During the week ended November 11, 2 cases of plague with 2 deaths were reported at Hongkong.

GREECE.

Cerebrospinal Meningitis.

Consul General Gale at Athens reports, December 1, that cases of cerebrospinal meningitis have appeared in different parts of Greece, particularly in Thessaly and Nauplia.

HAWAII.

Record of Plague Infection.

The last case of human plague at Honolulu occurred July 12, 1910.

The last plague-infected rat was found at Aiea, 9 miles from Honolulu, April 12, 1910.

A case of human plague was reported at Kapulena, Hawaii, October 28, 1911.

At Hilo the last case of human plague occurred March 23, 1910. A fatal case occurred at Honokaa, 60 miles from Hilo, April 20, 1911. The last plague-infected rat was found at Honokaa February 2, 1911. A plague-infected rat was found at Hilo during the week ended June 10, 1911.

Honolulu—Plague-Prevention Work.

Chief Quarantine Officer Ramus reports, November 27 and December 5:

	Week ended Nov. 25.	Week ended Dec. 2.
Total rats and mongoose taken.....	671	471
Rats trapped.....	653	456
Mongoose trapped.....	5	14
Rats found dead.....		1
Rats shot from trees.....	13	
Examined bacteriologically.....	589	398
Classification of rats trapped:		
<i>Mus alexandrinus</i>	74	71
<i>Mus musculus</i>	158	64
<i>Mus norvegicus</i>	31	30
<i>Mus rattus</i>	390	290
Classification of rats shot from trees:		
<i>Mus alexandrinus</i>	4	
<i>Mus rattus</i>	9	
Average number of traps set daily.....	1,720	1,720

¹ *Mus rattus*.

Smallpox in Quarantine.

Dr. Ramus further reports the occurrence in quarantine December 19 of 1 new case of smallpox with 1 death; December 21, 1 death; December 24, 3 new cases with 1 death; December 25, 2 cases. The total number of cases from December 4 is 37 with 5 deaths.

INDIA.

Variations in Plague Conditions and Prevalence.

Consul General Michael at Bombay reports November 23:

The vagaries of plague are shown to a considerable degree in the report on plague administration for the year ended June 30, 1911, published by the government of the United Provinces. The report says in substance that plague attacked the province in 1910-11 in a more severe form than had been known in any previous year, with the exception of 1904-5. The number of deaths last year reached 314,495, while in 1904-5 it amounted to 354,285. The lowest mortality from this disease in the past 8 years was in 1908-9, when the death roll aggregated 13,814. In the month of March of the present year over 100,000 cases and nearly 95,000 deaths were recorded. A decline, however, set in during April, and by the beginning of June the disease had almost died out.

The report says: "It is unfortunate that our knowledge of the conditions favorable to the spread of the plague epidemic is not sufficiently advanced to enable a reliable explanation to be given of the violent fluctuations in seizures and deaths which occur from year to year."

The recent experience of the United Provinces shows that plague is more prevalent in years of plenty than in periods of agricultural

depression. "In 1908-9," says the report, "there was a failure of the crops, and reported deaths from this cause (plague) were 13,814. In 1909-10 agricultural conditions were good and deaths increased to 141,357. The year 1910-11 was a year of exceptional prosperity, and the number of deaths was found to be excessive. An explanation of this remarkable variation may be found in the theory that as an increased food supply resulting from good harvests leads to an increase in the rat population, it consequently tends to the spread of plague. It has been observed that early and heavy winter rains and the prevalence of cold damp weather synchronize with an increase in the severity of the epidemic.

Calcutta—Cholera and Plague.

Acting Assist. Surg. Allan Reports November 23: During the week ended November 4, 48 deaths from cholera and 6 from plague were reported in Calcutta; in all Bengal, 90 cases of plague with 63 deaths; in all India, 11,396 cases with 8,367 deaths.

ITALY.

Decrease in Prevalence of Cholera.

The official cholera bulletin issued by the Italian Government for the period from November 12 to 18 shows a total of 94 cases, with 51 deaths occurring during that period throughout the entire country. These figures show a decrease of 20 cases from the number reported during the preceding week. Three more provinces, viz, Bari, Palermo, and Sassari, are reported to be entirely free from cholera.

Palermo Declared Free From Cholera.

Consul de Soto reports November 28: According to information received from the Italian ministry of the interior the city and province of Palermo were declared free from cholera November 18.

Naples—Examination of Emigrants.

Passed Asst. Surg. Robinson reports December 5:

NAPLES.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of baggage inspected and passed.	Pieces of baggage disinfected.
Nov. 27	Canopic.....	Boston.....	431	90	560
29	Iniziativa.....	New York.....			
	Total.....		431	90	560

PALERMO.

Nov. 27	Valsalice.....	New Orleans.....			
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ROUMANIA.

Certain Localities Declared Free From Cholera.

Consul General Harvey, at Bucharest, reports November 27, that the city of Galatz and the district of Covurlui, in Roumania, have been declared free from cholera.

SWEDEN.

Poliomyelitis in Jonkoping County.

Consul Fuller, at Gothenburg, reports November 29: According to information from the chief provincial physician for the county, the epidemic of poliomyelitis, which has recently ravaged Jonkoping County, has up to this date numbered 870 cases. Of those affected with the disease the majority are fully restored to health again, but a large number have also succumbed and many still suffer from lingering paralysis. Judging from the examinations made about two months ago, the number of the last-mentioned cases is estimated to be nearly 200.

In order to obtain more reliable information in the matter, the county government board has requested the respective chairmen of the vestry boards in the communities where the disease has appeared to report as soon as possible to the provincial physicians the number of persons who are still suffering from the effects of poliomyelitis and whether these persons are receiving any treatment for the effects referred to.

The county government board points out, at the same time, how important it is that the affected persons receive proper medical treatment without delay when there are lingering effects of the disease and counsels the vestry boards to see that as many patients as possible are furnished proper treatment in regular and emergency hospitals.¹

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX.

REPORTS RECEIVED DURING WEEK ENDED DEC. 29, 1911.

[These tables include cases and deaths recorded in reports received by the Surgeon General, Public Health and Marine-Hospital Service, from American consuls through the Department of State, and from other sources.]

CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
Bulgaria:				
Dovulare.....	Nov. 14.....	1		
India:				
Madras.....	Nov. 19-25.....	82	65	
Indo-China:				
Saigon.....	Oct. 29-Nov. 5....	2	2	
Italy.....				Total Nov. 19 to 25: Cases 77, deaths, 39.
Provinces—				
Caltanissetta.....	Nov. 19-25.....	7	1	
Girgenti.....	do.....	45	29	
Messina.....	do.....	18	6	
Rome.....	do.....	3	1	
Syracuse.....	do.....	4	2	
Java:				
Batavia.....	Nov. 5-11.....	8	3	
Malta.....	Nov. 12-18.....	5	2	
Persia:				
Bebahan.....	Sept. 30.....			Present.
Kasre Chireen.....	Sept. 13.....	2		
Nazhoon.....	Oct. 15.....			Do.
Russia:				
Kirgis Steppe.....	Oct. 4-Nov. 20....	73	63	
Rostov on Don.....	Nov. 5-12.....	2	1	
Servia:				
Belgrade district.....	Nov. 19-25.....	5	3	
Straits Settlements:				
Singapore.....	Oct. 22-Nov. 4....	12	9	
Tunis Regency.....				Total Nov. 1-24: Cases 940, deaths 1,268.
Bizerta district.....	Nov. 1-24.....	255	419	
Tunis district.....	Nov. 1-21.....	28	15	
Turkey in Asia:				
Mekka.....	Nov. 27-Dec. 3....	193	198	

¹ For previous report on poliomyelitis in Sweden, see Public Health Reports, Dec. 15, 1911, p. 1998.

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received during week ended Dec. 29, 1911.

PLAGUE.

Places.	Date.	Cases.	Deaths.	Remarks.
China:				
Hongkong.....	Nov. 5-22.....	1	1	
Egypt:				
Provinces—				
Kena.....	Nov. 19.....	2	2	
Minieh.....	Nov. 1-25.....	2	1	
India:				
Karachi.....	Nov. 19-25.....	2	1	
Indo-China:				
Saigon.....	Oct. 29-Nov. 5.....	5		
Mauritius.....	Oct. 26-31.....	2		
Straits Settlements:				
Singapore.....	Oct. 22-Nov. 4.....	4	4	

SMALLPOX.

Canada:				
Montreal.....	Dec. 19-26.....	1		
Toronto.....	Dec. 10-16.....	1		
Chile:				
Talcahuano.....	Nov. 19-25.....	7	2	
France:				
Paris.....	Nov. 19-Dec. 2.....	10		
Hawaii:				
Honolulu.....	Dec. 19-25.....	6	3	
India:				
Madras.....	Nov. 19-25.....	3		
Mexico:				
Chihuahua.....	Nov. 13-19.....	4	2	
Juarez.....	Dec. 10-16.....	2	1	
Russia:				
Kief.....	Nov. 27.....	1140		
Spain:				
Madrid.....	Nov. 1-30.....		1	
Seville.....	do.....		3	
Valencia.....	Nov. 25-Dec. 2.....	9	1	
Straits Settlements:				
Singapore.....	Oct. 29-Nov. 4.....	2		
Teneriffe: ¹				
Santa Cruz.....	Nov. 19-Dec. 2.....		13	
Turkey in Europe:				
Constantinople.....	Nov. 20-Dec. 3.....		8	

¹ From the Veröffentlichungen des Kaiserlichen Gesundheitsamtes, Dec. 6, 1911.

REPORTS RECEIVED FROM JULY 1 TO DEC. 29, 1911.‡

[For reports received from Dec. 31, 1910, to June 30, 1911, see Public Health Reports for June 30, 1911. In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
Algeria:				
Algiers.....	Sept. 1-30.....	1	1	
Arabia:				
Hodeida.....	June 16-30.....	21	17	Among the civil and the military population. Aug. 5, present among troops.
Austria-Hungary.....				Total Austria-Hungary, exclusive of Hungary, May 24-Oct. 29, 86 cases, 38 deaths; and in Hungary, Aug. 9-Nov. 4: Cases, 195.
Coastland.....				Total May 24-Oct. 29, 1911: Cases, 68; deaths, 30.
Capodistria.....	July 24-Sept. 17.....	12	6	
Clifanova.....	Aug. 21-Sept. 17.....	1	1	
Muggia.....	Aug. 7-13.....	2	1	
Parenzo.....	May 24-Oct. 29.....	11	6	
Trieste.....	June 4-Aug. 26.....	42	16	

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from July 1 to Dec. 29, 1911.

CHOLERA—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Austria-Hungary—Continued.				
Croatia and Slavonia.....				Total, Aug. 9-Oct. 22, 1911: Cases, 37; deaths, 8.
Draga.....	Sept. 7.....	5		
Fiume.....	Aug. 9-Sept. 16....	4		
Villages in vicinity.....	Aug. 18-Sept. 9....	10	6	
Krimeja.....	Sept. 7.....	2		
Kiskozeg.....	Oct. 14-22.....	2		
Krizovljan.....	Aug. 23-Sept. 13....	2		
Krusedal.....	Aug. 9-Sept. 19....	1		
Martinci.....	Oct. 14-22.....	2		
Nagykeszi.....	Sept. 9-16.....	3		
Semlin.....	Sept. 19.....	1		
Susak.....	Aug. 23-Sept. 19....	3		
Vukovar.....	Sept. 8-9.....	2		
Dalmatia.....				Total cases, 10; deaths, 4.
Arbe.....	Aug. 21-Sept. 17....	6	3	
Cattaro.....	July 6-20.....	4	1	
Hungary.....				Total, Aug. 9-Nov. 18, 1911 Cases, 252; deaths, 104.
Districts—				
Baranya.....	Sept. 16-Oct. 14....	8	1	
Bacs-Bodrog.....	Aug. 24-Nov. 18....	24	8	Including Czarp.
Esztergom-Gram.....	Sept. 16-23.....	1	1	
Fejer-Weissenburg.....	Sept. 16-Oct. 14....	7	2	
Komarom-Komorn.....	Sept. 9-Oct. 24....	17	11	Including Nagykeszi.
Krasso-Sezoreny.....	Sept. 24-Nov. 11....	24	11	
Moson-Weisselburg.....	Sept. 16-Oct. 28....	2	1	
Pest-Pilis.....	Aug. 24-Nov. 11....	18	5	Including Budafolk.
Budapest.....	Aug. 24-Nov. 18....	19	6	
Ujpest.....	Aug. 24-Oct. 7.....	34	26	
Pozsony.....	Aug. 24-Sept. 9....	3		Including Suly.
Stuhlweisselburg.....	Sept. 7-15.....	1	1	
Temes.....	Nov. 12-18.....			
Torontal.....	Oct. 1-Nov. 18....	91	23	
Zala.....	Sept. 24-30.....	1	1	In Soramis.
Lower Austria.....				Total cases, 6; deaths, 3.
Prellenkirchen.....	Sept. 18-24.....	1	1	
Vienna.....	Aug. 14-Sept. 17....	5	2	
Styria—				
Gratz.....	May 24-31.....	2	1	Including case from Waltendorf, p. 1042, vol. 1.
Bulgaria:				
Burgas.....	Nov. 15.....	4		
Douvlare.....	Nov. 14.....	1		
Kalondjik.....	June 18-20.....	1	1	Vicinity of Choumen. From the ship Cyrilla, bound from the coast of Asia Minor.
Sosopolis.....	Sept. 16-Oct. 7....	20	4	
Tutrakan.....	Oct. 6.....	1		
Varna.....	July 4-Oct. 31....	3	2	2 cases July 4 from Asia Minor via Constantinople; 1 case, Oct. 31, from s. s. Boris.
Ceylon:				
Colombo.....	May 21-Oct. 7....	18	13	
China:				
Amoy.....	May 28-July 1....		4	Aug. 5, present.
Hankow.....	July 22.....			Present.
Hoihow.....	June 2.....			Do.
Daln.....	Aug. 19-Sept. 2....	35	19	Sept. 5, present.
Kinchow.....	Aug. 15-Sept. 2....	10		
Nanking.....	July 22-Aug. 19....			Present.
Swatow.....	July 22-Aug. 26....			Do.
Dutch East Indies.....				May 23-Sept. 23: Cases, 2,731; deaths, 2,086.
Java—				
Batavia.....	May 14-Nov. 11....	342	304	
Beloe.....	June 15-23.....			Present.
Surabaya.....	Apr. 10-May 6.....	44	22	
Egypt:				
Alexandria.....	Aug. 1-Sept. 30....	3	3	Of these, 2 cases in September were from s. s. Saidieh from Constantinople.
France:				
Marseille.....	June 26-Oct. 31....		206	Number of cases occurring from Sept. 1 to 20 not reported. Present to Oct. 18.
Do.....	Sept. 21-23.....	20		

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from July 1 to Dec. 29, 1911.

CHOLERA—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
reece:				
Laurium.....	July 5-8.....	3	1	Case July 5, from a German vessel via Naples.
Piræus, quarantine station.	July 30-Aug. 8....	3		Case July 30, from s. s. Margarita.
ndia:				
Bahrein Island.....	Nov. 30.....			In the Persian Gulf, present.
Bassein.....	May 7-July 8.....	2	2	
Bombay.....	June 25-Sept. 23....	4	5	
Calcutta.....	May 7-Nov. 4.....		730	
Madras.....	June 4-Nov. 25....	491	366	Madras Presidency, May 1-Oct. 31: Cases, 32,560; deaths, 19,558.
Moulmine.....	May 7-June 17.....	4	4	
Negapatam.....	June 11-July 15....		35	
Rangoon.....	May 1-June 30.....	31	26	
Indo-China:				
Saigon.....	May 15-Nov. 5.....	94	66	And vicinity.
Italy.....				Total for Italy, June 8-Nov. 25. Cases, 15,853; deaths, 5,949.
Provinces—				
Alessandria.....	Aug. 1-Oct. 7.....	115	33	
Ancona.....	Sept. 17-Oct. 7....	8	2	
Aquila.....	Aug. 1-Oct. 14....	124	57	
Ascoli.....	Sept. 23-30.....	1		
Avellino.....	July 12-Oct. 21....	234	87	
Bari.....	Aug. 27-Nov. 11....	503	105	
Benevento.....	July 22-Sept. 16....	96	24	
Bergamo.....	Aug. 27-Oct. 21....	118	20	
Bologna.....	Aug. 27-Sept. 30....	30	7	
Cagliari.....	Aug. 27-Nov. 18....	197	61	
Caltanissetta.....	July 17-Nov. 25....	374	109	
Calatabiano.....	Nov. 5-11.....	2		
Campobasso.....	July 17-Oct. 21....	765	305	
Carrara.....	Sept. 24-30.....	10	2	
Caserta.....	June 18-Oct. 21....	1,926	731	
Catania.....	July 22-Nov. 18....	882	376	
Catanzaro.....	July 26-Oct. 21....	162	80	
Chieti.....	Aug. 1-Oct. 7.....	117	51	
Casoria.....	Sept. 3-9.....	125	37	
Cosenza.....	Aug. 20-Sept. 25....	107	56	
Ferrara.....	Aug. 27-Oct. 21....	50	30	
Florence.....	Sept. 3-Oct. 21....	6	1	
Foggia.....	Aug. 20-Nov. 11....	204	105	
Forli.....	Aug. 27-Oct. 21....	47	18	
Genoa.....	July 21-Nov. 4.....	405	126	
Genoa, city.....	July 13-Oct. 21....	279	133	
Girgenti.....	July 22-Nov. 25....	383	178	
Lece.....	Aug. 27-Oct. 14....	121	36	
Leghorn.....	July 13-Sept. 25....	768	380	
Luca.....	Aug. 1-Sept. 16....	10	3	
Massa.....	Aug. 13-Oct. 7.....	87	47	
Messina.....	July 17-Nov. 25....	235	175	
Milan.....	Aug. 27-Oct. 14....	20	6	
Naples.....				The Province outside of Naples, June 10-Nov. 4, 1,317 cases, 561 deaths.
Naples, city.....	June 11-Oct. 21....	887	250	
Novara.....	Sept. 24-30.....	4	4	
Padua.....	Aug. 27-Sept. 25....	9	4	
Palermo.....	June 18-Nov. 11....	561	267	
Palermo, city.....	June 15-Nov. 11....	1,463	528	
Pesaro.....	Aug. 20-Oct. 14....	108	47	
Pisa.....	Aug. 20-Sept. 2....	18	8	
Potenza.....	July 31-Sept. 9....	55	13	
Reggio di Calabria.	Aug. 6-Oct. 7.....	6		
Reggio Emilio.....	Sept. 30.....	1	1	
Rome.....	June 27-Nov. 25....	330	140	
Rovigo.....	Aug. 27-Oct. 21....	78	11	
Salerno.....	June 17-Oct. 21....	1,377	356	
Sassari.....	Sept. 16-Nov. 11....	9	3	
Syracuse.....	Aug. 6-Nov. 25....	149	53	
Terramo.....	Sept. 3-Oct. 14....	14	7	
Trapani.....	July 17-Nov. 18....	258	136	
Venice.....	Aug. 6-Oct. 21....	302	107	
Vicenza.....	Oct. 14.....	1		
Japan:				
Kobe.....	Aug. 30-Sept. 16....	4	2	
Nagasaki.....	Sept. 11.....	1		On s. s. Kasuga Maru.
Nishomayo.....	Aug. 28-Sept. 3....	2		
Osaka.....	Aug. 30-Sept. 16....	6		Do.

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from July 1 to Dec. 29, 1911.

CHOLERA—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Malta	Oct. 15—Nov. 18	27	12	Among refugees from Tripoli.
Montenegro	Aug. 14—Nov. 3	47	21	Mainly in vicinity of Podgoritz.
Cottinje	July 29	2		
Persia:				
Adaban	July 29—Sept. 4	19	8	
Ahwar	Aug. 13—Sept. 2	128	115	
Bahbahan	Sept. 30			Present.
Kasre Chiroen	Sept. 13	2		
Mohammerah	July 25—Oct. 14	266	208	Case July 28, from the cruiser Persepolis.
Nashoon	Oct. 15			Present.
Nasseri	Aug. 12	10	5	
Philippine Islands				First quarter, 1911: Manila, no cases. Provinces, 199 cases and 160 deaths. Second quarter: Manila, no cases, no deaths. Provinces, no cases, no deaths.
Laguna	Aug. 6-12	1		
Manila	July 23-29	1	1	
Provinces—				
Rizal	do	1		
Union	July 23—Oct. 28	36	32	
Roumania				Total, Sept. 9—Oct. 30: Cases, 98; deaths, 31.
Districts—				
Braila	Sept. 11—Oct. 30	60		Oct. 10-30: 10 deaths.
Doliju	Sept. 11—Nov. 1	1		
Covurlui	Sept. 11—Oct. 30	5	3	Including Galatz.
Konstanza	do	15	11	
Jalomitza	do	2		
Neamtu	do	3	2	
Romanti	do	1		
Talmita	Oct. 23-28	2	2	
Tulcea	Sept. 11—Oct. 30	12	4	
Russia				New outbreak Apr. 21—Nov. 12: Cases, 3,313; deaths, 1,596; including 7 cases and 2 deaths, p. 1044, vol. 1.
Astrakhan, government	July 12—Sept. 30	459	192	Kirgis Steppe, Oct. 4—Nov. 20, 73 cases; Nov. 28, 63 deaths.
Baku, government	Sept. 3-13	7	2	
Baku, city	July 8-26	5	1	
Bessarabia, government	Sept. 3—Oct. 14	5		
Dagestan, province	Aug. 13-19	27		
Don Territory	Sept. 3—Oct. 14	12	4	
Jaroslav, government	Aug. 20-26	8	3	
Kazan, government	Sept. 3-30	10	7	
Kosmodemiansk	July 2	1		
Kherson, government	May 3—July 22	2		
Odessa	Aug. 6—Oct. 14	3	1	
Khuban, territory	Aug. 13-26	1	2	
Moscow	Aug. 20-26	1	1	
Nizhni Novgorod, government	Aug. 20—Sept. 2	1		
Novorossiysk	July 28—Oct. 14	13	4	6 cases, July 28—Aug. 6, on British s. s. Wakefield in Black Sea.
Poltava, government	June 24	1		
Perm, government	Sept. 3-13	1	1	
Rostov on Don	Aug. 6—Nov. 4	54	19	Aug. 6-12, 1 case from a Turkish ship from Trebizond.
Samara, government	June 29—Nov. 12	2,180	1,079	Including Nikolayevsk.
Saratov, government	July 18—Oct. 14	199	90	
Nikolayevsk	June 29—July 3	15	1	
Tsantzyn	July 12-15	1	1	
Siberia—				
Omsk	June 20-26	2		
Simbirsk, government	Aug. 6—Sept. 30	92	54	
Taurida, government—				
Stavropol	July 23—Aug. 19	7	1	
Tambov, government	June 26—Sept. 13	19	9	
Tver and Kursk, government	Aug. 6-12	1	1	
Ufa, government	Sept. 13-30			9 cases.
Vilna, government—				
Dina	June 13	1		On the Duna.
Vitebsk, government	Sept. 3-13	1		
Lepel district	June 19	1		
Voronezh, government	Apr. 28—Aug. 12	5		
Yekaterinislav, government	July 8-19	2	1	

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from July 1 to Dec. 29, 1911.

CHOLERA—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Servia				Total, Aug. 23–Nov. 25: Cases, 89; deaths, 47.
Belgrade Department.....	Sept. 7–Nov. 25...	12	7	Including Beogradski and Drazevze.
Binderevo Department—				
Godovir.....	Sept. 27–Oct. 30...	3	2	
Bochzani.....	Sept. 29.....	1	1	
Godomine.....	Oct. 2–8.....	3	3	
Kronchevatz Department.	Oct. 1.....	2	1	
Kruschevatz Department—				
Giourniss.....	Nov. 14.....	1		
Podrinski Department.	Oct. 14–Nov. 11.....	5		
Novo Selo.....	Oct. 2–Nov. 11.....	24	4	
Suvo Selo.....	Oct. 2–16.....	2	2	
Smedreveski Department—				
Smederevo (Semendria).	Oct. 4–28.....	13	7	
Studenitz Department—				
Ravta.....	Aug. 30–Sept. 2.....			Present.
Rachka.....	Aug. 23–Sept. 8.....	8	2	
Studenitza.....	do.....	1	1	
Tahjoubak Department—				
Grditze.....	Oct. 3.....	1		Case Aug. 23 from Beoca, Studenitz district.
Valjevski Department.	Oct. 22–28.....	1	1	
Stubline.....	Sept. 26–Oct. 4.....	4	4	
Urovitzi.....	Oct. 4–20.....	17	11	
Yabutchye Department.	Oct. 12.....	1	1	
SIAM:				
Bangkok.....	Apr. 16–Nov. 4.....		1,077	
Spain:				
Tarragona.....	Aug. 30.....			In vicinity.
Straits Settlements:				
Began Dotah.....	June 16–20.....	11		
Jenderata.....	July 1–8.....	20	13	
Penang.....	May 7–Oct. 21.....	10	12	
Perak.....	May 16–June 21.....			Present among Malays and Chinese.
Singapore.....	May 7–Nov. 4.....	217	211	
Tripoli:				
Tripoli.....	Oct. 13.....	4		
Tunis Regency:				
Beja district.....	Nov. 9–24.....		197	
Beja.....	do.....	3		
Bizerta district.....	Sept. 17–Nov. 21.....	610	619	
Tunis district.....	July 1–Nov. 21.....	461	287	
Turkey in Asia:				
Adana Province.....	Nov. 22–Dec. 1.....	45	26	Nov. 1–21, 7 cases daily.
Alatsham.....	June 19.....	2		
Amara.....	June 21.....			Present.
Bagdad Vilayet.....	May 29–Oct. 28.....	492	345	New outbreak.
Basra.....	July 17–Oct. 21.....	361	257	Aug. 9, 1 case, s. s. Budrie.
Beirut.....	Oct. 18.....	2		Aug. 21, present among pilgrims.
Damascus.....	Aug. 14–Nov. 5.....	143	111	
Erzeroum Vilayet.....	Sept. 13–30.....			Present in Erzingham and Unieh.
Ezra's Tomb.....	June 17.....	6		70 miles from Basra.
Foglieri.....	July 26.....	2	1	
Haifa.....	Oct. 3–Nov. 26.....	49	38	
Jaffa.....	Nov. 19–25.....	3	1	In the Gulf of Smyrna.
Jiddah.....	Dec. 5.....			Present.
Kamaram.....	May 28–July 11.....	8	5	Among troops.
Kerasunde.....	Sept. 10–Oct. 7.....	22	16	
Kharput.....	Aug. 20–Oct. 14.....	32	24	Do.
Medina.....	Sept. 15–Nov. 19.....	190	157	
Mersina.....	Nov. 15–21.....	1		
Mekka.....	Sept. 1–Dec. 3.....	743	686	
Samsun.....	May 29–July 30.....	225	204	And district.
Smyrna.....	Apr. 26–Sept. 24.....	974	497	Including 24 cases and 14 deaths, p. 1911, vol. 2.
Trebizond.....	Oct. 16–Nov. 6.....	5	1	
Tripoli.....	Sept. 26–Oct. 18.....	43	33	
Zonguldak.....	July 1–Oct. 15.....	95	72	And vicinity.
Turkey in Europe:				
Constantinople.....	May 21–Oct. 23.....	2,614	1,483	Do.
Dardanelles.....	Oct. 1–Nov. 11.....		3	
Kavak.....	June 5–11.....	1		Aug. 8, present.
Medua.....	Aug. 24–Sept. 1.....	5	1	
Saloniki.....	Aug. 11–Nov. 6.....	781	482	Among troops.
Valona.....	Aug. 27–Sept. 7.....	28	8	

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from July 1 to Dec. 29, 1911.

CHOLERA—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
At sea.....	June 23.....	1	1	On s. s. Goeben, bound from Southampton for Suez. Case developed 1 day after leaving Naples.
Do.....	July 25.....			2 cases from s. s. Zar Nicolaus from Algiers.

YELLOW FEVER.

Bissagos Islands:				
Bulama.....	May 27.....			Present.
Brazil:				
Ceara.....	July 1-31.....		1	
Manaos.....	June 4-Nov. 11.....		30	
Para.....	June 21-Nov. 25.....	6	2	
Pernambuco.....	June 15-Sept. 30.....		11	
British Gold Coast:				
Accra.....	May 23-27.....	3		Among natives.
Colombia:				
Sabanilla.....	Nov. 18.....		1	On the schooner Margarita Sophia from Rio Hacha.
Ecuador:				
Babahoyo.....	July 16-Aug. 15.....	2	2	
Bucay.....	Sept. 1-Nov. 15.....	7	4	
Calaroma.....	July 16-31.....	1	1	
Changue.....	Sept. 16-Nov. 15.....	2	1	
Chobo.....	Oct. 1-31.....	2		
Guayaquil.....	June 1-Nov. 15.....	55	21	
Milagro.....	do.....	18	14	
Naranjito.....	July 1-Nov. 15.....	9	2	
Yaguachi.....	June 16-July 15.....	1	1	
Gambia:				
Bathurst.....	May 23-27.....	5	2	Among Europeans.
Hawaii:				
Honolulu.....	Oct. 21-28.....	2		1 case arrived convalescent on the s. s. Hongkong Maru from Manzanillo, Mexico. 1 case occurred in quarantine, employee detailed as guard on the s. s. Hongkong Maru.
Mexico:				
Merida.....				Total Aug. 1-Nov. 11: Cases, 45; deaths, 20.
Senegal:				
Dakar.....	Dec. 4.....			Present.
Rufisque.....	do.....			Do.
Venezuela:				
Caracas.....	July 1-Nov. 4.....	47	1	
La Pastora.....	Aug. 5.....			Do.
Maiquetia.....	July 22.....	2		
San Juan.....	Aug. 5.....	1		

PLAGUE.

Algeria:				
Philippeville.....	Nov. 1.....	5		
Arabia:				
Maskat.....	May 21-June 15.....	4	2	
Brazil:				
Para.....	July 2-Nov. 18.....	6	4	
Pernambuco.....	June 15-Sept. 30.....		13	
Rio de Janeiro.....	July 16-Oct. 7.....	18	5	
British East Africa:				
Kismayu.....	Apr. 24-Sept. 16.....	60	45	
Nairobi.....	May 27-Sept. 16.....	39	22	
Port Florence.....	Apr. 26.....	1	1	
Canal Zone:				
Panama.....	Oct. 13-17.....	1	1	At Ancon Hospital from Guayaquil.
Chile:				
Arica.....	June 12-July 28.....	4	3	
Iquique.....	May 14-Nov. 11.....	50	29	

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from July 1 to Dec. 29, 1911.

PLAGUE—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
China:				
Amoy.....	May 21-July 17.....		20	To May 28: Cases, 61; July 3, present in the district.
Kulangsu.....	June 17-July 22.....		5	
Canton.....	May 18-Sept. 9.....			Present, and in neighboring cantons.
Dalny.....	Oct. 25.....	2	1	
Hongkong.....	May 14-Nov. 11.....	212	158	Jan. 1-Sept. 16: Cases, 261; deaths 244.
Shanghai.....	Aug. 10-26.....	31	19	May 14-27, 3 cases.
Swatow.....	May 21-July 21.....			May 21-June 2, epidemic in Chao-chow-fu. Hweilai, Kit-yang, and in Chao-yang, Jan. 1-June 30, 6,000 deaths.
Ecuador:				
Guayaquil.....	June 1-Nov. 15.....	214	76	
Egypt:				
Alexandria.....	May 31-Sept. 23.....	45	20	
Cairo.....	Feb. 12-May 31.....	1	1	
Ismailia.....	Oct. 12.....	1		
Port Said.....	May 27-Nov. 14.....	42	18	On s. s. Yeddo, bound for Calcutta from New York via Naples and Torreveja, Spain.
Assiout.....	May 31-Oct. 13.....	8	6	
Bahara.....	May 23-Oct. 13.....	3	3	
Beni Souef.....	May 23-Aug. 10.....	4	1	
Dakahliah.....	May 29-June 11.....	2	1	
Fayoum.....	May 28-Oct. 15.....	9	6	
Galloubah.....	June 1-Oct. 4.....	5	1	
Girgeh.....	Apr. 19-Oct. 29.....	6	4	
Kena.....	May 30-Nov. 19.....	7	7	
Menouf.....	May 31-Oct. 13.....	2		
Minieh.....	June 1-Nov. 25.....	31	12	
Great Britain:				
Suffolk.....	Oct. 10.....	1		In Admiralty Barracks, parish of Shotley, Samford rural district.
Hawaii:				
Kapulena.....	Oct. 28.....	1	1	
India:				
Bahrein Island.....	May 15-July 16.....		1,925	In Persian Gulf.
Bombay.....	May 21-Nov. 18.....	697	205	
Calcutta.....	May 7-Nov. 7.....		757	
Karachi.....	May 28-Nov. 25.....	237	232	
Madras.....	Nov. 19-25.....	1	1	
Rangoon.....	May 1-Sept. 30.....	10,054	7,302	
Bombay Presidency and Sind.....	May 7-Oct. 28.....	77,604	54,058	
Madras Presidency.....	.....do.....	9,159	7,076	
Bengal.....	.....do.....	3,150	2,829	
United Provinces.....	.....do.....	19,370	18,532	
Punjab.....	.....do.....	61,076	53,489	
Burma.....	.....do.....	1,954	1,822	
Eastern Bengal and Assam.....	Aug. 6-26.....	?	12	
Central Provinces.....	May 7-Oct. 28.....	5,251	3,703	
Coorg.....	Aug. 27-Oct. 14.....	16	12	
Mysore State.....	May 7-Oct. 28.....	12,045	8,721	
Hyderabad State.....	.....do.....	3,670	2,715	
Central India.....	.....do.....	4,133	3,380	
Rajputana and Ajmere Merwara.....	May 20-Oct. 28.....	1,805	1,540	
Kashmir.....	May 7-July 1.....	624	425	
North West Province.....	.....do.....	110	79	Total for India May 15 to Oct. 28: Cases, 199,969; deaths, 158,393.
Indo-China:				
Saigon.....	May 15-Nov. 5.....	367	112	And vicinity.
Japan:				
Formosa.....	May 21-July 1.....	115	106	In Kagi Province from Jan. 1 to June 15: Cases, 355, including report, p. 1047, vol. 1.
Java:				
Kediri.....	Mar. 31-Oct. 7.....	66	26	
Madioen.....	June 1-Aug. 26.....	2		
Paseroean Residency, Malang district.....	May 14-Nov. 11.....	780	231	
Surabaya.....	Apr. 30-May 18.....	21	4	
Mauritius.	Mar. 1-Oct. 31.....	17	7	

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from July 1 to Dec. 29, 1911.

PLAGUE—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Morocco:				
Cherouba.....	Sept. 29.....			Present.
Mazagan.....	July 13-Oct. 17.....			Present among the Doukalo, 5 hours distant.
Tangier.....	Oct. 2-Nov. 4.....	10	10	
New Zealand:				
Auckland.....	May 1-8.....	5		Total since Mar. 21: Cases, 8; deaths, 1.
Paraguay:				
Asuncion.....	Aug. 1-Sept. 2.....	23	14	Present.
Persia:				
Buchir.....	May 14-June 25.....	94	80	
Lingah.....	May 18-28.....	7		From Debal. on opposite Arabian coast.
Peru:				
Departments—				
Ancachs.....	Apr. 30-June 17.....	9	2	
Arequipa.....	Apr. 23-June 17.....	20	4	Sept. 5, present in Mollendo.
Cajamarca.....	do.....			Aug. 10, present.
Callao.....	Apr. 23-Sept. 30.....	14	8	
Chiclayo.....	Apr. 30-Sept. 30.....	22	10	
Lambayeque.....	Apr. 23-June 3.....	24	12	
Libertad.....	Apr. 23-Sept. 16.....	16	11	Aug. 21, present in Moche.
Lima.....	do.....	73	34	
Pacasmayo.....	Apr. 30-June 3.....	3	2	
Philippine Islands.				
Mariveles quarantine station.	May 25-26.....	1	1	From s. s. Taisang from Amoy.
Russian Empire:				
Odessa.....	June 18-Aug. 8.....	8	2	
Astrakhan government—				
First Coast district.....	Oct. 6-Nov. 18.....	31	26	Total, July 3-Nov. 27: Cases, 129; deaths, 118.
Kayamish-Samara district.	Aug. 31-Nov. 30.....	43	40	
Narvma.....	June 24.....	4	4	
Ujaly.....	July 3.....			Present.
Saraltschin.....	June 18-24.....	3	3	
Narymsk district.....	Oct. 20-Nov. 19.....	20	16	
Transbaikal district—				
Dauria.....	Nov. 13.....	1	1	
Nardarov.....	Sept. 14-Oct. 23.....		5	In vicinity of Sharasung, on the Transbaikal Ry.
Uralsk district—				
Akbulac.....	July 13-Aug. 2.....	5	2	Pneumonic.
Akmołosai.....	Sept. 4-7.....	5	1	
Kujebudik.....	July 15.....			Present.
Prshevalck.....	Aug. 31-Sept. 7.....	7	6	
Tschadyrtin.....	do.....	1	1	
Slam:				
Bangkok.....	Apr. 16-Oct. 7.....	73	82	
Straits Settlements:				
Singapore.....	May 21-Nov. 4.....	12	12	
Turkey in Asia:				
Adalia.....	July 7-Aug. 30.....	4		
Basra.....	May 21-31.....	4	2	
Beirut.....	Aug. 21.....			Present among pilgrims, and present in the Lebanon district.
Brusa.....	Aug. 2-15.....	2		
Mersina.....	Nov. 1-15.....	1	1	
Smyrna.....	Sept. 17-22.....	2	1	
Venezuela:				
Baruta.....	Sept. 3-9.....			
Caracas.....	May 29-Oct. 14.....	17		
Santa Rosalia.....	Aug. 5.....	1		
Zanzibar:				
Zanzibar.....	Sept. 7-21.....	3	3	

SMALLPOX.

Algeria:				
Departments—				
Algiers.....	Mar. 1-Oct. 31.....		10	
Constantine.....	Mar. 1-May. 31.....	74		
Arabia:				
Aden.....	Apr. 11-Oct. 9.....	208	8	And vicinity.

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from July 1 to Dec. 29, 1911.

SMALLPOX—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Argentina:				
Buenos Aires	Apr. 1-Sept. 30.....		144	
Rosario	do		162	
Australia:				
Sydney	Sept. 1-25	1	1	At North Head quarantine station, from s. s. Van Lichten from Batavia.
Austria-Hungary:				
Bohemia.....	May 28-June 17	5		
Galicia.....	May 28-July 15	3		
Silesia.....	Nov. 19-25	5		
Trieste.....	Nov. 5-11	1		From s. s. Amphitrite from Beirut.
Brazil:				
Bahia.....	Apr. 1-30.....		1	
Ceara.....	June 1-30.....		1	
Para.....	June 25-Oct. 28	10	2	
Pernambuco.....	June 1-Sept. 30.....		863	
Rio de Janeiro.....	May 28-Oct. 11.....	38	3	
Sao Paulo.....	May 15-21.....		1	
Canada:				
British Columbia—				
Vancouver.....	July 9-Sept. 23.....	8		
Victoria.....	May 1-31.....	10		
Manitoba—				
Fort Alexander.....	July 8.....	19		Among Indians.
Lac de Bonnet.....	do.....	1		
Point du Bois.....	do.....	1		Epidemic.
Saskirk.....	do.....	1		From Mapleton.
Winnipeg.....	July 23-29.....	1		
New Brunswick—				
Newcastle.....	July 15-Aug. 5.....			Present in vicinity.
Ontario—				
Ottawa.....	June 11-Dec. 9.....	47		
Nova Scotia—				
Halifax.....	May 23-Sept. 30.....	6		
Prince Edward Island—				
Charlottetown.....	June 14-20.....	1		
Quebec—				
Montreal.....	July 9-Dec. 16.....	10		
Quebec.....	June 18-Dec. 9.....	127	1	
Yukon.....	Sept. 17.....	66	1	On the river Porcupine.
Dawson.....	June 4-July 11.....	15		
Ceylon:				
Colombo.....	May 21-Nov. 11.....	47	6	
Chile:				
Antofagasta.....	Oct. 17-Sept. 2.....	15	6	
Caldera.....	June 24.....	2	1	
Iquique.....	Oct. 1-15.....	1	1	
Punta Arenas.....	June 1-July 31.....	3	1	
Talcahuano.....	June 27-Nov. 25.....	153	33	
Valparaiso.....	June 24-Nov. 4.....	412		Deaths not reported.
China:				
Canton.....	Oct. 1-Nov. 11.....	25	5	
Chuncking.....	May 28-Oct. 28.....			Present.
Hongkong.....	May 21-Oct. 28.....	43	32	
Nanking.....	May 28-Nov. 4.....			Do.
Shanghai.....	May 24-July 16.....	2	8	Deaths among natives.
Swatow.....	May 28-July 22.....			Present in the district.
Colombia:				
Cartagena.....	May 22-July 9.....			Present.
Egypt:				
Alexandria.....	Apr. 1-July 31.....	64	32	
Cairo.....	May 22-Nov. 11.....	19	6	
Port Said.....	May 29-Aug. 19.....	14	13	
France:				
Havre.....	July 16-22.....	1	1	
Marseille.....	Aug. 1-31.....		1	
Paris.....	June 18-Dec. 2.....	27	1	
Germany.....				Total for Germany, June 4-Dec. 2: Cases, 36.
Bremen.....	July 9-15.....	1		
Hamburg.....	Aug. 6-19.....			3 cases on s. s. Prinz Regent.
Gibraltar.....	June 4-Dec. 3.....	6		
Great Britain:				
Birmingham.....	July 2-15.....	1	1	
Dundee.....	June 11-Aug. 12.....	10	3	
Liverpool.....	June 18-Oct. 7.....	8		
London.....	June 4-24.....	13		
Plymouth.....	July 2-8.....		1	
Sheffield.....	June 18-24.....		1	

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from July 1 to Dec. 29, 1911.

SMALLPOX—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Hawaii:				
Honolulu.....	Dec. 4-25.....	37	5	In quarantine from s.s. Willesden.
India:				
Bombay.....	May 21-Nov. 18....	147	87	
Calcutta.....	May 7-June 24.....		6	
Madras.....	May 21-Nov. 25....	201	83	
Rangoon.....	May 1-Sept. 30....	347	171	
Indo-China:				
Saigon.....	May 15-Nov. 5....	140	54	And vicinity.
Italy:				
Catania.....	July 19-Aug. 12....		4	
Genoa.....	Aug. 1-Nov. 30....	20	3	
Leghorn.....	Oct. 22-Nov. 11....	2	1	
Messina.....	Oct. 21-Nov. 18....		1	
Naples.....	June 11-Nov. 25....	150	20	
Palermo.....	June 4-Nov. 25....	2,428	1,104	
Japan:				
Yokohama.....	June 13-Nov. 20....	2		
Java:				
Batavia.....	July 2-Nov. 11....	58	11	
Malta.....	Nov. 19-25.....	1		
Mexico:				
Aguascalientes.....	Aug. 28-Oct. 15....		6	
Cananea, mines.....	Sept. 12-22.....	30		Oct. 28, 45 cases present.
Chihuahua.....	June 28-Nov. 19....	33	16	
Frontera.....	June 19-24.....	1		
Guadalajara.....	June 18-Aug. 19....		3	
Inuris.....	Sept. 22.....	10		
Juarez.....	July 9-Dec. 16....	37	7	
Magdalena.....	Oct. 23.....			Present.
Mazatlan.....	Aug. 6-Dec. 5....	13	8	
Mexico.....	May 21-Nov. 4....		175	July 23-Nov. 4, 81 cases.
Porfirio Diaz.....	July 23-Dec. 2....	25	23	
San Juan Bautista.....	June 17-Aug. 26....			Present and in vicinity.
San Luis Potosi.....	June 4-Nov. 4....	24	24	
Tampico.....	June 11-Oct. 31....		10	
Tapachula.....	July 8-Oct. 31....		24	
Peru:				
Salavery.....	Aug. 1-7.....			Present.
Trujillo.....	Oct. 23-30.....			Do.
Philippine Islands.....				First quarter, 1911, Manila: Cases 93; deaths, 0. Second quarter Cases, 142; deaths, 0.
Portugal:				
Lisbon.....	June 4-Dec. 2....	121		May 7-20, deaths, 3.
Porto Rico:				
Ponce.....	Apr. 1-30.....		1	
Portuguese East Africa:				
Lourenço Marquez.....	Apr. 1-Sept. 30....		2	
Roumania.....				Total, Mar. 1-Apr. 30, 1911 Cases, 18,319; deaths, 774.
Russia:				
Batum.....	May 1-Oct. 31....	6		
Kief.....	Nov. 27.....	140		
Libau.....	June 5-Oct. 22....	16		July 16, 1 death.
Moscow.....	May 28-Nov. 11....	174	87	
Odessa.....	May 27-Nov. 25....	11		
Reval.....	May 1-31.....	5		
Riga.....	May 27-Nov. 25....	31		Apr. 1-May 31, deaths, 14.
St. Petersburg.....	May 21-Nov. 18....	191	36	
Warsaw.....	Apr. 2-Nov. 4....	486	223	
Windau.....	June 25-July 1....			Present.
Siam:				
Bangkok.....	Apr. 16-Nov. 4....		253	
Siberia:				
Omsk.....	May 29-Oct. 3....	4		
Vladivostok.....	May 14-Aug. 28....	18	15	
South Africa:				
Port Elizabeth.....	May 21-27.....	1		
South Australia:				
Adelaide.....	Apr. 15.....			1 case from Colombo on str. Mooltan.
Spain:				
Barcelona.....	May 6-17.....		4	
Cadiz.....	Oct. 1-31.....		5	
Madrid.....	June 1-Nov. 30....		7	
Malaga.....	June 1-Oct. 31....		59	
Seville.....	June 1-Nov. 30....		17	
Valencia.....	June 4-Dec. 2....	98	16	

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from July 1 to Dec. 29, 1911.

SMALLPOX—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Straits Settlements:				
Penang.....	Apr. 30-Oct. 14....	9	4	
Singapore.....	May 7-Nov. 4.....	173	45	
Switzerland:				
Cantons—				
Aargau.....	Sept. 24-30.....	4		
Ticino.....	May 28-June 3.....	1		
Zurich.....	Nov. 12-18.....	1		
Teneriffe:				
Santa Cruz.....	Oct. 22-Nov. 25.....		16	
Turkey in Asia:				
Beirut.....	May 27-Dec. 3.....	183	54	
Kharput.....	May 21-June 10.....	34	3	
Turkey in Europe:				
Constantinople.....	June 4-Dec. 3.....		37	
Saloniki.....	Sept. 1-30.....		5	
Uruguay:				
Montevideo.....	Apr. 1-Aug. 31.....	51	17	
Zanzibar:				
Zanzibar.....	May 15-Oct. 27.....	29	17	
At sea.....				May 15, 1 case on s. s. Narrung; vessel quarantined at Adelaide, Melbourne, and Sydney. Sept. 30, 1 case on s. s. Eastern, from Hongkong; vessel quarantined at Sydney to Oct. 20.

MORTALITY.

WEEKLY MORTALITY TABLE, FOREIGN AND INSULAR CITIES.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—										
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Typhoid fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Aix la Chapelle.....	Nov. 18	156,426	60	4					1		1		7	
Assuncion.....	Nov. 11	75,000	21	2						1				
Barcelona.....	Dec. 7	591,272	295	30						5		6		
Batavia.....	Dec. 11	217,630	10			3			1					
Beirut.....	Dec. 2	80,000	20					2		5				
Belgrade.....	Nov. 25	90,000	39							1		3		
Bergen.....	Dec. 2	87,749	21											
Berlin.....	Nov. 18	2,078,918	551	70							17	19	1	4
Do.....	Nov. 23		543	78							1	12	3	4
Brussels.....	Dec. 2	649,846	171	27						1		1		
Catania.....	Dec. 8	207,000	60	7					2		3		1	
Chihuahua.....	Nov. 19	39,000	16					2						
Christiania.....	Dec. 2	245,000	63	7							2			2
Cologne.....	do	522,694	136	21							1		4	2
Constantinople.....	Nov. 26	1,000,000	189	28				2		4		1		
Do.....	Dec. 3		224	24				6		3	5	1		
Georgetown.....	Dec. 2	53,176	37							3				
Gibraltar.....	Dec. 10	25,367	7					1						
Gothenburg.....	Dec. 2	168,000	39	5								1	2	1
Hamburg.....	do	931,035	250	28							1	1	11	3
Hongkong.....	Nov. 11	336,488				2			3					
Juarez.....	Dec. 16	6,500	7					1						
Karachi.....	Nov. 25	148,000	90			1								
Kingston.....	Dec. 2	59,584									1			
Lubeck.....	do	100,000	28	3									3	1
Madras.....	Nov. 25	518,660	625			1	65							
Montreal.....	Dec. 16	466,197	139	17							2		8	1
Munich.....	Nov. 25	597,000	155	25							1		3	1
Do.....	Dec. 2		165	18									2	

MORTALITY—Continued.

Weekly mortality table, foreign and insular cities—Continued.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—													
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Typhoid fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.			
Nagoya.....	Nov. 11	417,207	113	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nantes.....	Dec. 3	161,908	64	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Paris.....	Nov. 25	2,846,986	833	201	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Dec. 2	.....	926	216	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Progreso.....	Dec. 9	6,959	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rangoon.....	Nov. 18	289,432	175	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saigon.....	Nov. 5	206,000	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Santa Cruz de Teneriffe.....	Dec. 2	46,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Singapore.....	Oct. 28	303,328	242	32	1	5	.....	7	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Nov. 4	.....	246	31	3	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stoke-on-Trent.....	Dec. 9	234,553	60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stockholm.....	Nov. 25	343,832	66	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Talcahuano.....	Nov. 18	28,000	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Nov. 25	.....	5	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Toronto.....	do.....	392,000	102	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Dec. 2	.....	118	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Dec. 16	.....	121	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trieste.....	Nov. 11	233,925	96	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Nov. 25	.....	75	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Dec. 2	.....	85	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Valencia.....	do.....	240,000	120	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vancouver.....	do.....	100,333	22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Winnipeg.....	Dec. 16	151,953	33	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

MORTALITY—FOREIGN AND INSULAR—COUNTRIES AND CITIES (untabulated).

ARGENTINA—*Rosario*.—Month of September, 1911. Population, 206,401. Total number of deaths from all causes 317, including diphtheria 4, measles 3, smallpox 37, tuberculosis 38, typhoid fever 5.

FRANCE—*Calais*.—Month of November, 1911. Population, 80,000. Total number of deaths from all causes 75, including measles 1, tuberculosis 17, typhoid fever 2.

GERMANY—*Kehl*.—Month of October, 1911. Population, 180,193. Total number of deaths from all causes 206, including diphtheria 6, scarlet fever 2, tuberculosis 32.

GREAT BRITAIN.—Week ended November 25, 1911.

England and Wales.—The deaths registered in 77 great towns correspond to an annual rate of 14.2 per 1,000 of the population, which is estimated at 16,157,797.

Ireland.—The deaths registered in 21 principal town districts correspond to an annual rate of 18 per 1,000 of the population, which is estimated at 1,149,495. The lowest rate was recorded at Sligo, viz, 4.7, and the highest at Newry, viz, 34.9 per 1,000 of the population.

Scotland.—The deaths registered in 8 principal towns correspond to an annual rate of 16.7 per 1,000 of the population, which is estimated

at 1,710,291. The lowest rate was recorded at Leith, viz, 10.3, and the highest at Aberdeen, viz; 18.8 per 1,000 of the population. The total number of deaths from all causes was 548, including diphtheria 7, measles 23, scarlet fever 7, typhoid fever 2, typhus fever 1. The death from typhus fever occurred in Glasgow.

SIAM—*Bangkok*.—Month of November, 1911. Population, 600,000. Total number of deaths from all causes not reported. The deaths include cholera 51, smallpox 71.

SPAIN—*Almeria*.—Month of November, 1911. Population, 50,910. Total number of deaths from all causes not reported. The deaths include diphtheria 2, tuberculosis 9, typhoid fever 1.

TASMANIA—*Hobart*.—Month of October, 1911. Population, 191,211. Total number of deaths from all causes 145, including diphtheria 2, tuberculosis 13.

TURKS ISLANDS.—Three weeks ended December 9, 1911. Population, 1,681. Total number of deaths from all causes 4. No contagious diseases.

By authority of the Secretary of the Treasury:

A. H. GLENNAN,

Acting Surgeon General,

United States Public Health and Marine-Hospital Service.